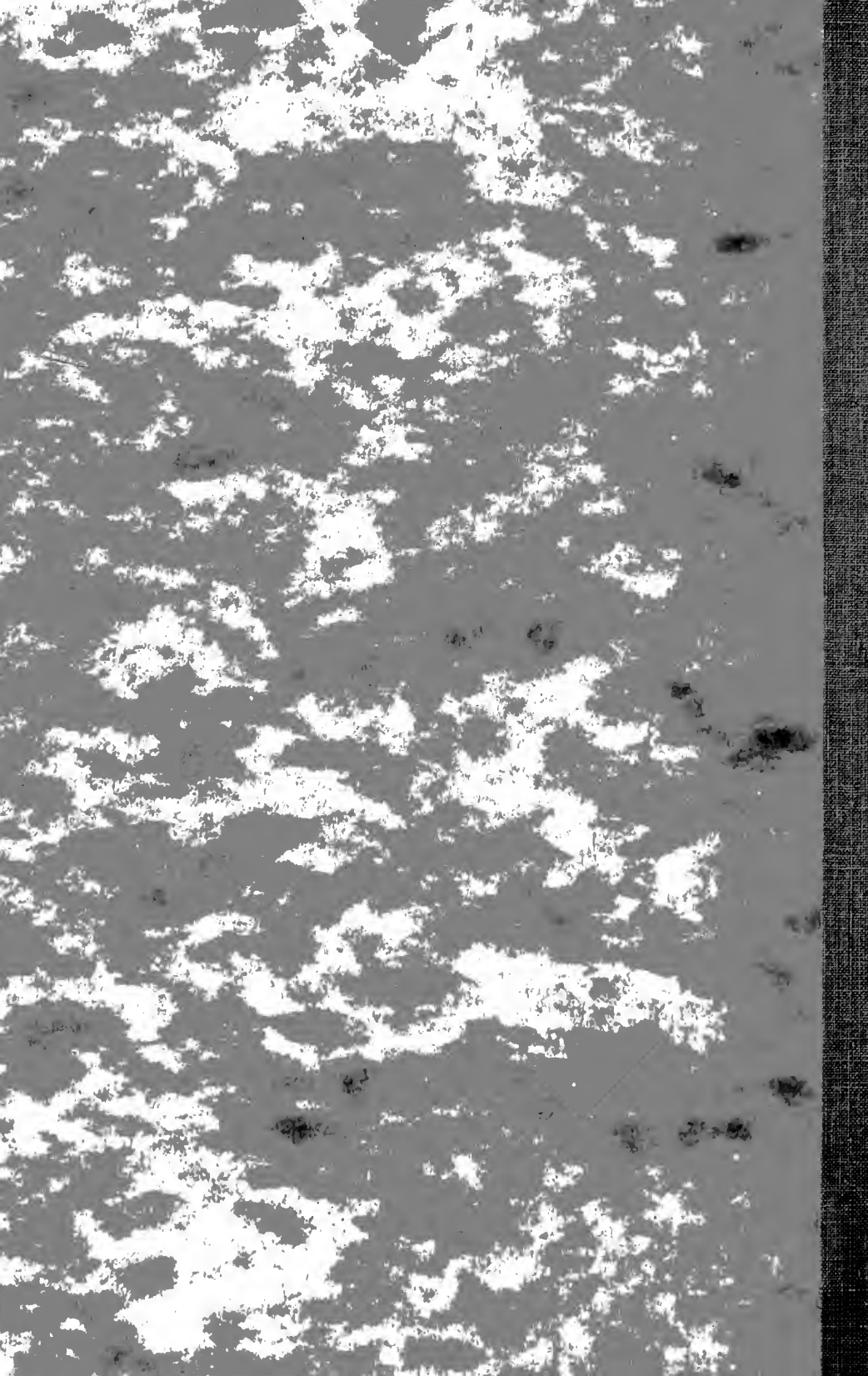


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REMOTE STORAGE



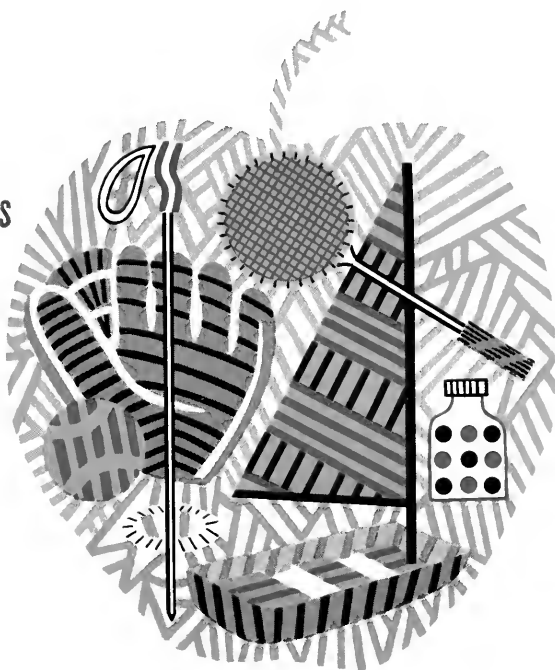


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UNIVERSITY OF ILLINOIS  
OCT 10 1966  
LIBRARY



**1967-1969**  
**HEALTH, PHYSICAL**  
**EDUCATION,**  
**AND SPORTS FILMS**

**VISUAL AIDS SERVICE**  
**DIVISION OF UNIVERSITY EXTENSION**

**UNIVERSITY OF ILLINOIS**



STANLEY C. ROBINSON  
DEAN OF UNIVERSITY EXTENSION

All of us engaged in the business of education are aware of the new tools developed to help us do our job more efficiently and effectively. We are certainly aware of the increased enrollments in our classrooms and the increasing amount of subject matter we are expected to teach. I firmly believe that only as we learn to use these new educational tools expertly in the classroom will we be able to adequately meet the increasing demands placed upon us.

One of the most valuable new educational tools is the motion picture. It has been with us long enough to be properly evaluated and its worth determined. However, we must remember it is only a teaching tool and must be used well by the teacher in order to produce the results of which it is capable. To this end, I suggest that every school should own copies of the leading audio-visual texts and subscribe to one or more of the leading periodicals. In addition to this, I would urge that teachers be encouraged to take training in audio-visual utilization either in summer school or through extension courses.

We all hope that the end results of our teaching efforts are students who have gained knowledge and comprehension of the subject matter we teach. There is a much better chance of success if we use as teaching tools those with which the students are familiar.

The Visual Aids Service at the University of Illinois has one of the largest and finest collections of educational films available on a rental basis. Each year many new titles and additional prints are added so that a constantly higher percentage of requests can be filled. In order to help us give you the best service possible, I urge you to follow the directions given in the opening pages of this catalog.

012  
IE 618  
1967-68  
pg 2

## HOW TO USE THIS CATALOG

This health, physical education, and sports film catalog is one of a series of subject-area catalogs being published by the Visual Aids Service of the University of Illinois, and replaces any previous listing of such titles available for rent from the University. Films suitable primarily for the lower grades are included in a separate catalog titled *Primary and Intermediate Films*, covering all subjects for kindergarten through grade six.

For subject classifications included in this catalog, see "List of Subject Headings," page 11. For film titles on specific topics, see "Subject Index of Films," page 12.

Beginning on page 21, film descriptions are listed alphabetically by title. All films are 16mm. size. In addition to a description of the film's content, the following information is given:

1. An abbreviation of the name of the producing organization, sponsor, and/or national distributor of the film in parentheses following the title. If two abbreviations are separated by a semicolon, the second is the national distributor of the film. A key to the abbreviations begins on page 78.
2. Recommended audience levels: k — kindergarten; p — primary; i — intermediate; j — junior high; h — high school; c — college; a — adult; general — intermediate through adult; mr — mentally retarded.
3. Running time, in minutes.
4. Call number. A distinctive number has been assigned to each film title in the library to help in distinguishing between identical or similar titles. This call number should be included for every title ordered.
5. Black and white, or color. For some titles, both versions are available.
6. Rental rate for basic rental period: one to five consecutive weekdays (Monday through Friday). The abbreviation "N.C." in place of a rental rate means "no charge."
7. Original release date, if significant and available. In many cases, these dates are only approximate.

8. Use restrictions. Any restriction on type or location of audience which has been imposed by the organization making the film available is indicated in *italics* at the end of the description.

We do not provide preview prints or send films on approval. All films borrowed for any purpose are subject to the rental fees listed.

No film listed in this catalog may be televised without the express consent of the producer or national distributor of the film. For permission to televise, please contact the organization indicated after the film title, not the Visual Aids Service.

**RENTAL RATES**

Films may be rented from one to five consecutive weekdays (Monday through Friday) at the basic rental rate listed for each film, unless otherwise indicated. Films requested for portions of two school weeks, such as Friday through Monday or Wednesday through Tuesday, will be considered two-week rentals. Extended rental rates are computed as follows:

Two school weeks.....	1.5 × basic rental
Three school weeks.....	2.0 × basic rental
Four school weeks.....	2.5 × basic rental

Walt Disney's True Life Adventure Series is available at the following special rental rates for each title:

One day .....	\$10.15
Two days .....	\$15.15
Three days .....	\$20.15
One school week.....	\$25.15



## INSTRUCTIONS FOR ORDERING FILMS

The suggestions given under each number below relate to the corresponding number on the sample film order shown on page 4. Copies of this revised order form, with additional spaces on the reverse side, will be supplied in any quantity requested. If you use the order form and follow these suggestions, we will be able to process your order faster, more accurately, with fewer "not availables," and more economically for both of us. If you also order tape recordings from us, please do *not* combine film and tape orders on the same form.

- 1a May we suggest that each time you send us a film order, all the films be combined in one chronological sequence covered by the *same order number*. We often receive from one source requests covering from a few to hundreds of films, each on a separate order form. Assuming that the order is for 100 films, we must use 100 expensive 8½" x 11" spirit master forms, produce 100 sets of a three-part shipping form, prepare 200 billing forms, type 100 invoices, produce 100 confirmation sheets, and make 100 shipments. In most cases *all films ordered at one time for one school* could be consolidated into *one chronological list* and covered by one order number. If this is done, the 100 orders become one order — we can book and confirm faster and we both save money.
- 2a If the billing instructions are the same as the shipping instructions, just write "Same" — but if there is *any difference*, be sure to give us the complete information. Since not everyone uses our order form, we want to emphasize the need for clear and complete shipping and billing instructions. This is especially true in cities where individual names and even school names without street addresses mean nothing to the post office.
- 2b Confirmations will be sent to the *shipping* address. Actually, if we receive your film requests in the form of purchase orders, we should send the confirmations to the address issuing the purchase orders; but that is usually the school's business office and we know that the confirmations are wanted by the person responsible for the AV program. If you *don't* want the confirmations sent to the shipping address, let us know where they should be sent.
- 2c Be sure to include your ZIP code number to facilitate prompt delivery and return of films.
- 3a For a higher percentage of bookings, check "Yes" regarding substitution of dates. If you do, we will book the film as close to your request date as possible, but always within two weeks of the date



you indicate. Beyond two weeks, we will list the film as “not available.”

- 3b** It seldom does any good to choose an alternate date within the same week as your first-choice date.
- 3c** Our experience indicates that most schools are able to make use of films on other than the date or dates requested. Some schools don't give us permission to book on alternate dates, yet will return the “not available” sheets listing other acceptable dates. By the time correspondence has been exchanged, the alternate dates frequently are no longer available. *We do not reserve tentative dates.* Thus you are much more likely to get bookings near your first choice of dates if you indicate on your original order that we may substitute dates.
- 3d** If you are willing to let us substitute similar films for any that are not available, check “Yes.” We often have newer titles which have not yet been publicized enough to be fully booked. It should be pointed out that the running time and the rental rate may not be the same as for your original choice of titles. If you do not check “Yes,” we will simply indicate that the title you requested is not available.
- 4a** Please list your school's vacation dates or include a school calendar with each order. This is especially helpful in booking for alternate dates.
- 5a** Our standard booking is for *two days only* unless otherwise requested. Many orders list all films for Monday dates but don't give any indication that they will be needed for the whole school week. If you want the film for more than two days, your order must say so.
- 5b** If we book your films for two days only and you later tell us that you meant to order the films for the entire school week, it is almost impossible for us to extend the dates.
- 5c** Bookings to other customers are made on the assumption that you will return every film no later than the day following the last scheduled use date. You are in danger of incurring extra charges if you hold a film beyond the scheduled use dates. Worse than that, the next scheduled user doesn't get the film at all. If *you* don't get a film you are expecting, this is often the reason.
- 6a** We often are requested to book films for a major holiday, such universal school vacation times as between Christmas and New Year's Day, or on a weekend. We are fairly sure that most of our customers do not want to use films on these days, but since some

do, we can't safely guess what you actually intended. Please consult your calendar very carefully when making up a film order.

- 6b Films requested for portions of two school weeks, such as Friday through Monday or Wednesday through Tuesday, will be considered two-week rentals. If you want to be charged for one week only, be sure that the dates fall within one school week (Monday through Friday).
- 7a List the full and complete titles exactly as they are given in *our* catalogs, in chronological order by use dates.
- 7b We have a number of film series such as **Land of Liberty, Parts I** through **V**, which can be ordered separately. If you order all or parts of such a series, be sure to list *each part* on a separate line, since each is booked separately.
- 8a Film call numbers are an innovation for our library. Although our films have carried identification numbers in the past, customers had no occasion to use them. *Now we are asking you to identify each film title you order by including the call number as well as the title.* This will eliminate much confusion in the case of identical or similar titles.
- 8b If a film is listed as available in both the black and white and color, indicate your preference by listing the appropriate call number. However, if your choice isn't available, we will book the other, rather than not send you the film at all.
- 9a "1st choice." This should include the exact length of time you want to use the film — one day (10/3/66), one school week (10/3-7/66), etc. Don't list just one date and expect to be booked for or to be allowed to keep the film for one week. It is permissible to include a covering statement such as "Book all films for one school week" and then list only the Monday dates. If you order films as much as a year in advance, be sure to include the year in the dates indicated.
- 9b "2nd choice." If you *have not* checked "Yes" on the line concerning substitution of dates and don't list any date in the second-choice column, we will not book an unavailable film, even though it would be available within a few days of your first-choice date.
- 9c "2nd choice." If you *have* checked "Yes" on the line concerning substitution of dates and don't list any date in the second column, we will feel free to book within two weeks either way from your first-choice date. As a last resort, we will book within two weeks of

your second-choice date if you have given us permission to substitute dates.

- 9d Notice again that film titles are to be listed in order of use dates, from the earliest to the latest, with the year indicated when there might be any doubt.
- 9e Our fiscal year is from July 1 to June 30. If you are requesting films for use in two fiscal years, please submit them on two order forms. For example, films to be used in June and September of the same calendar year should not be listed on the same order form because the use dates are in different fiscal years. We file completed orders according to the last scheduled use date. If a film is requested for June 28 to July 3, for example, the completed order will be filed in the new fiscal year.
- 10a If you are willing to pay the "Special delivery" or "Special handling" postal fee in order to receive a film not otherwise available, check at the end of this statement.
- 10b If you give us no other instructions, we ship films by regular parcel post.

#### **TO VERIFY BOOKINGS**

When you receive our confirmation of your order, please check it against your original order and notify us if you find any discrepancies.

#### **TO CANCEL BOOKINGS**

A request for the cancellation of a film booking must be received by the Visual Aids Service at least five days before the *shipping* date indicated on the confirmation of the order. *Only* under this condition is a cancellation of charges allowed.

If a film is not received in time to be used on its scheduled dates, please notify us within ten days so that you will not be invoiced for the film you could not use.

Films reserved for a "will call" and not picked up are returned to circulation the following day, but charges are not cancelled.

#### **TO RETURN FILMS**

Please use the return labels which are included in the shipping carton. They are gummed, although it may not seem so. Customers do not need to insure films for return shipment.

#### **LATE RETURNS**

Bookings are made on the premise that films will be returned promptly following the last scheduled use date. If the Visual Aids Service is

forced to cancel a subsequent booking because a film is held overtime *without permission*, the cancellation charges are added to the bill sent to the customer holding the overdue film. In case of a late return, we recommend the use of "Special handling."

#### **ACCOUNTS**

In most cases, you will be billed when the last film on an order has been shipped to you. However, if your order to us covers several months and totals \$200 or more, you will be billed monthly for the films used. If you prefer to be billed annually, semiannually, or quarterly, this can be arranged.

You will receive from the University of Illinois Business Office three copies of each invoice, a statement of the account, and an IBM card showing the amount you owe. Whenever you make a payment, be sure to state which invoice is covered by your check and return a copy of the invoice and the IBM card with your remittance. Do *not* mail them to the Visual Aids Service. All accounts are handled directly by the University of Illinois Business Office.

#### **RENTAL RATES SUBJECT TO CHANGE WITHOUT NOTICE**

Occasionally it is necessary to change a film rental rate because the purchase price changes, there is a change from black and white to color, or the reverse, or previously sponsored films must now be purchased. Please check the rental charges on the confirmation sheet. Feel free to inquire about any that do not conform to rates listed in this catalog.

#### **FILM DAMAGE**

Customers are not charged for film damage unless it is to a previously undamaged film. All other damage is absorbed by the Visual Aids Service.

#### **GREEN FILM**

Occasionally you may receive a previously unused print of a film which continually loses the lower film loop as it is projected. The best remedy for a "green" film is to hold a silicone cloth lightly on both surfaces of the film as it comes from the upper reel into the projector. If this does not correct the trouble, *do not continue to project the film*. Forcing a green film through a projector will result in serious and extensive film damage. Instead, please return the unprojected film to us with an explanation of the difficulty, so that we can remedy it and cancel the charges to you.

## CARE OF FILMS

The following pointers on film care prolong film life and make it possible for us to serve all customers better:

1. Keep projectors clean at all times. Don't allow dirt to accumulate in the projector aperture. Always use a soft cloth, clean brush, or orangewood stick to clean deposits from the aperture plate — never use any metal tool which will scratch the smooth surface of the plate.
2. Thread the film into the projector properly. Be sure that the film is engaged on every sprocket wheel and that the proper film loops have been allowed both above and below the aperture gate.
3. If possible, turn the projector mechanism by hand or with very short running periods to check the threading and to be sure that everything is operating correctly.
4. Check the condition of the film occasionally during the showing by letting your fingers ride lightly on the sprocket-hole edge of the film as it passes from the projector to the takeup reel. If the film feels at all rough, check the same way near the upper reel, to see if the damage is being caused in the projector. If the image on the screen jumps, a clattering noise develops, or punctures appear anywhere on the film, *stop the projector immediately* and locate the cause of the trouble.
5. If the film should become damaged or an old splice should come apart, return the film with an explanatory note indicating the location of the trouble. Please don't patch the film with tape, paper clips, or pins!
6. Use practice film when training projectionists or when checking a faulty projector. Visual Aids Service furnishes practice film free of charge, on request.

## HINTS FOR EFFECTIVE UTILIZATION OF FILMS

If you have not had the opportunity of taking an audio-visual course, you may find that the following suggestions will help you in preparing to use a film with maximum effectiveness:

1. Prepare yourself.
  - a. Preview the film and/or study the printed guide.
  - b. Determine objectives to be reached by the use of the film.
  - c. Develop questions for discussion following the showing.
  - d. Plan for and anticipate follow-up activities.
2. Prepare the class.
  - a. Explain why the film is being shown and what specific points students are to look for.

- b. Discuss briefly the questions which will be discussed following the showing.
  - c. Present necessary vocabulary.
  - d. If the film uses special photographic techniques or anything else which might cause confusion, explain adequately but not in such detail that the novelty or freshness is destroyed.
3. Show the film under the best possible conditions.
  - a. Set up all necessary equipment ahead of time if possible.
  - b. Be familiar with the equipment.
  - c. Check room for ventilation and darkening.
  - d. Check the seating arrangement for good visibility of the screen.
  - e. Check the location of the speaker for good sound quality.
4. Follow-up.
  - a. Discuss previously raised questions.
  - b. Discuss new questions and students' reactions.
  - c. Decide on further work, a reshowing of the film, or any other appropriate reinforcement of the film presentation.
  - d. Keep a record of the general suitability of the film, suggested changes in presentation, or other helpful notes.
5. Return the film promptly and in its original condition.

#### **AUDIO-VISUAL TRAINING**

The Visual Aids Service offers, on a request basis, a visitation and consultation service, primarily for schools, to assist in planning and developing audio-visual programs. A staff member can visit a school or community briefly to assist with such problems as in-service teacher training, selection of audio-visual materials and equipment, budget, starting an audio-visual program, cataloging materials owned by the school system, etc. It is also possible to organize an extension class in the use of audio-visual materials. Letters of inquiry are invited.

THOMAS BOARDMAN, Director  
VISUAL AIDS SERVICE  
UNIVERSITY OF ILLINOIS  
DIVISION OF UNIVERSITY EXTENSION  
CHAMPAIGN, ILLINOIS 61820



## LIST OF SUBJECT HEADINGS

ALCOHOL, TOBACCO, AND NARCOTICS  
CANCER  
DENTAL HEALTH  
DISEASES  
HEALTH AND HYGIENE  
HEARING  
MEDICINE  
NURSES AND NURSING  
NUTRITION  
OBSTETRICS  
PHYSIOLOGY  
PUBLIC HEALTH  
REPRODUCTION  
SIGHT  
WATER SUPPLY  
ARCHERY  
BASEBALL  
BASKETBALL  
BOATS AND BOATING  
BOWLING

CAMPING  
DANCE  
ENTERTAINMENT FILMS — SPORTS  
FISHING, SPORT  
FOOTBALL  
GOLF  
GYMNASTICS  
HORSEBACK RIDING  
HUNTING AND TRAPPING  
PHYSICAL EDUCATION  
SOFTBALL  
SPORTS, MISCELLANEOUS  
SWIMMING AND DIVING  
TENNIS  
TRACK AND FIELD  
VOLLEYBALL  
WINTER SPORTS  
WRESTLING  
RECREATION  
SCOUTS AND SCOUTING

*See following pages for film titles within each category.*

## SUBJECT INDEX OF FILMS

### ALCOHOL, TOBACCO, AND NARCOTICS

Alcohol and the Human Body  
Alcohol and Tobacco: What They Do to Our Bodies  
Alcohol Is Dynamite  
Alcoholism  
The Choice Is Yours  
Drug Addiction  
Drunk Driving  
H — The Story of a Teen-Age Drug Addict  
I Am an Alcoholic  
Monkey on the Back  
Narcotics — The Decision  
No Smoking  
None for the Road  
Problem Drinkers  
Profile of a Problem Drinker  
Public Enemy No. 1  
Should You Drink?  
Terrible Truth  
Tobacco and the Human Body  
Wastage of Human Resources  
What About Alcoholism?  
What About Drinking?  
Who, Me?

### CANCER

Breast Self-Examination  
Cancer  
Challenge: Science Against Cancer  
Life Story  
Man Alive  
Sense in the Sun  
Time and Two Women

### DENTAL HEALTH

Dental Health: How and Why  
Healthy Teeth — Happy Smile  
Our Teeth  
Save Those Teeth  
Target: Tooth Decay  
The Teeth (Development and Care)  
Teeth: Their Structure and Care  
Your Teeth

### DISEASES

Allergies  
Body Defenses Against Disease

Body Fights Bacteria  
Common Heart Disorders and Their Causes  
Guard Your Heart  
Heart Disease (The Search)  
Heart Disease: Its Major Causes  
How Disease Travels  
How Our Bodies Fight Disease  
How To Catch a Cold  
Immunization (Second Edition)  
Infectious Diseases and Man-Made Defenses  
Infectious Diseases and Natural Body Defenses  
Magic Alphabet  
Microbiology, No. 8 — Virus  
Microbiology, No. 10 — The Germ Theory of Disease  
Microorganisms That Cause Disease  
Mosquito and Its Control  
Mosquitoes and Malaria  
Other City  
Quarter Million Teen-agers  
The Quest  
Rabies  
Seizure (Medical Treatment and Social Problems of Epilepsy)  
Sixteen to Twenty-Six  
Sniffles and Sneezes  
Story of Louis Pasteur (Anthrax Sequence)  
Tuberculosis (Third Edition)  
VD: Epidemic!  
Victory over Polio  
What Is Disease?  
White Blood Cells: Defense Against Disease  
Yellow Jack  
Your Children's Ears  
Your Children's Eyes  
Your Ears  
Your Health: Disease and Its Control

### HEALTH AND HYGIENE

Attitudes and Health  
Body Care and Grooming  
Body Fights Bacteria  
Care of the Feet  
Care of the Skin  
Color of Health  
Emotional Health

Exercise and Health  
 Good Grooming for Girls  
 Good Grooming for Girls: Hair Care  
 Good Grooming for Girls: Make-Up  
 Good Grooming for Girls: Posture  
 Health: Your Cleanliness  
 Health: Your Clothing  
 Health: Your Food  
 Health: Your Posture  
 Healthy Feet  
 Healthy Lungs  
 Healthy Skin  
 How Disease Travels  
 How To Avoid Muscle Strains  
 How To Be Well Groomed  
 Immunization (Second Edition)  
 Keeping Clean and Neat  
 Learning About Your Nose  
 Making the Most of Your Face  
 Molly Grows Up  
 Noise and Health (The Search)  
 Nose, Throat, and Ears  
 Personal Health for Girls  
 Personal Hygiene for Boys  
 Posture and Personality  
 Posture Habits (Second Edition)  
 Posture in Motion  
 Proper Steps  
 Rabies  
 Readiness — The Fourth R  
 Rest and Health  
 Sniffles and Sneezes  
 Story of Menstruation  
 Triumph Without Drums  
 Water We Drink  
 Your Hair and Scalp  
 Your Health: Disease and Its Control  
 Your Health at Home  
 Your Health at School  
 Your Skin  
 You're Growing Up

## HEARING

Deafness in Children (The Search)  
 Ears: Their Structure and Care  
 Nose, Throat, and Ears  
 Pay Attention: Problems of Hard of Hearing Children  
 Thursday's Children  
 You and Your Five Senses (This Is You Series)

Your Children's Ears  
 Your Ears

## MEDICINE

Advent of Anesthesia  
 Allergies  
 Ambulance Doctor  
 And the Earth Shall Give Back Life  
 Antibiotics  
 Arrowsmith  
 Atom and Medicine  
 Blood Transfusion  
 Chemistry of Behavior (Focus on Behavior Series)  
 Choosing a Doctor  
 City of the Sick  
 Congressional Hearings: The Drug Debate  
 The Dedicated  
 Discovery of Anesthesia (You Are There)  
 Dr. Pinel Unchains the Insane (You Are There)  
 Drug Addiction  
 Exploring with X Rays  
 First Major Test of Penicillin (You Are There)  
 Health Heroes: The Battle Against Disease  
 House of Mercy  
 Immunization (Second Edition)  
 Improving America's Health  
 Infectious Diseases and Man-Made Defenses  
 Louis Pasteur — Man of Science  
 Louis Pasteur, The Benefactor  
 Man Against Microbe  
 Medicine — Aviation Medicine (The Search)  
 Miracle from Mold — The Story of Terramycin  
 New Frontiers of Medicine  
 Nuclear Radiation: Uses of Nuclear Radiation in Medicine  
 One Against the World  
 One Day's Poison  
 Physical Rehabilitation (The Search)  
 Principles of Genetics, No. 23: Mutagen-Induced Gene Mutation  
 Problem Drinkers  
 Psychiatric Research, Part 1 (The Search)  
 Psychiatric Research, Part 2 (The Search)  
 The Quest  
 Rx — The Story Behind Your Doctor's Prescription  
 Rehabilitation of Respiratory Patients

## **MEDICINE (Cont'd)**

Return to Life  
Romance of Radium  
Seizure (Medical Treatment and Social Problems of Epilepsy)  
Story of Dr. Jenner  
Story of Louis Pasteur (Anthrax Sequence)  
Streptomycin  
There Were Two Doctors  
Tragic Hour of Dr. Semmelweis (You Are There)  
Victory over Polio (Twentieth Century)  
Your Doctor  
You're the Doctor

## **NURSES AND NURSING**

Angel of Mercy  
Bathing the Bed Patient  
Broken Appointment  
Care of the Newborn Baby: The Nurse's Role in Instructing the Parents  
Girls in White  
Heroism of Clara Barton (You Are There)  
Home Nursing  
Home Nursing: Fundamentals  
Keepers of the Lamp  
Mobilization of the Human Body  
Recreational and Occupational Therapy  
Rehabilitation of Respiratory Patients  
Student Nurse  
Vital Signs and Their Interrelation: Body Temperature, Pulse, Respiration, Blood Pressure

## **NUTRITION**

Balance Your Diet for Health and Appearance  
Better Breakfasts, U.S.A.  
Bread Making  
Ecology, No. 3 — Energy Relations  
Food Cycle and Food Chains  
Foods and Nutrition  
Fundamentals of Diet  
Health: Your Food  
Human Body: Nutrition and Metabolism  
Know Your Foods  
Magic Alphabet  
Nutritional Needs of Our Bodies  
Obesity — Problems of Fat Formation and Overweight  
Promise of the Life Sciences: Nutrition — The Chemistry of Life

Something You Didn't Eat  
Understanding Vitamins  
What Makes Us Grow?  
You and Your Food (This Is You Series)  
Your Children's Meals

## **OBSTETRICS**

Before the Baby Comes  
Care of the Newborn Baby: The Nurse's Role in Instructing the Parents  
Expectant Father  
Labor and Childbirth  
Normal Birth  
Postnatal Care  
Prenatal Care  
Tragic Hour of Dr. Semmelweis (You Are There)

## **PHYSIOLOGY**

About the Human Body  
Alimentary Tract  
Allergies  
As Boys Grow  
Blood Transfusion  
Body Defenses Against Disease  
Body Fights Bacteria  
Boy to Man  
Brain and Behavior  
Brain and Behavior (Focus on Behavior Series)  
Breathing (Watch Mr. Wizard Series)  
Care of the Feet  
Circulation  
Circulation: Why and How  
Common Heart Disorders and Their Causes  
Control of Body Temperature  
Digestion, Part 1  
Digestion, Part 2  
Digestion in Our Bodies  
Digestion of Foods  
Don't Get Angry  
Dynamic Posture  
Elimination  
Endocrine Glands  
Endocrine Glands: How They Affect You  
Exploring the Human Nervous System  
Exploring Your Growth  
Flow of Life: Basic Research in the Micro-Circulation (Horizons of Science Series)  
Functions of the Nervous System  
Growing Up (Preadolescence)

Healthy Feet  
 Healthy Lungs  
 Healthy Skin  
 The Heart: How It Works  
 Heart and Circulation  
 Heart, Lungs, and Circulation  
 How Our Bodies Fight Disease  
 How the Body Uses Energy (General Science Series)  
 How the Respiratory System Functions  
 How Your Blood Circulates (Watch Mr. Wizard Series)  
 Human Body: Circulatory System  
 Human Body: Excretory System  
 Human Body: Muscular System  
 Human Body: Nervous System  
 Human Body: Nutrition and Metabolism  
 Human Body: Respiratory System  
 Human Body: Sense Organs  
 Human Body: The Skeleton  
 Human Brain  
 Human Hair  
 Human Heart  
 Human Machine  
 Human Skeleton  
 Human Skin  
 Human Throat  
 Improving Your Posture  
 Kidneys, Ureters, and Bladder  
 Larynx and Voice (Function of the Normal Larynx)  
 Learning About Our Bodies  
 Learning About Your Nose  
 Moving X Rays  
 Muscular System  
 Nervous System  
 Nervous System in Man  
 Nine Basic Functional Systems of the Human Body  
 Nose: Structure and Function  
 Nose, Throat, and Ears  
 Obesity — Problems of Fat Formation and Overweight  
 Photosynthesis and Respiration Cycle  
 Physical Aspects of Puberty (Adolescent Development Series)  
 Physiology: Fundamentals of the Nervous System  
 Physiology: The Blood  
 Physiology of High Altitude Flying  
 Posture and Exercise  
 Respiration

The Skeleton  
 The Skin (silent)  
 Spinal Column (Structure and Function in Man)  
 Story of Menstruation  
 Story of the Blood Stream, Part 1: The Heart and Circulatory System  
 Story of the Blood Stream, Part 2: The Structure and Function of the Blood  
 The Teeth (Development and Care)  
 Teeth: Their Structure and Care  
 Tissues of the Human Body  
 Vital Signs and Their Interrelation: Body Temperature, Pulse, Respiration, Blood Pressure  
 White Blood Cells: Defense Against Disease  
 Wonder Engine of the Body  
 Work of the Blood  
 Work of the Kidneys  
 You and Your Five Senses (This Is You Series)  
 You and Your Sense of Smell and Taste (This Is You Series)  
 You and Your Sense of Touch (This Is You Series)  
 You, The Living Machine (This Is You Series)  
 Your Body During Adolescence  
 Your Hair and Scalp  
 Your Skin  
 Your Voice

## **PUBLIC HEALTH**

Angel of Mercy  
 Broken Appointment  
 Community Health and You  
 Community Mental Health  
 Expectant Father  
 Federal Government: The Department of Health, Education, and Welfare  
 Fraud Fighters  
 Goodby Fly (Revised Edition)  
 Health in Our Community  
 The Housefly (Second Edition)  
 Housefly and Its Control  
 Improving America's Health  
 Nation's Mental Health  
 Rabies  
 School Health in Action  
 VD: Epidemic!  
 Wastage of Human Resources  
 Welton — A Healthy Community

## **PUBLIC HEALTH (Cont'd)**

Yellow Jack  
Your Health at School  
Your Health in the Community

## **REPRODUCTION**

Biography of the Unborn  
Fair Chance  
From Generation to Generation  
Heredity and Prenatal Development (Child Development Series)  
Human Body: Reproductive System  
Human Growth (Second Edition)  
Human Reproduction (1965 Edition)  
Miracle of Reproduction

## **SIGHT**

Experimental Psychology of Vision (silent)  
Eyes: Their Structure and Care  
Eyes and Their Care  
Eyes and Vision  
Helen Keller in Her Story  
How the Eye Functions  
Johnny's New World  
My Child Is Blind  
Night Vision for Airmen  
Optical Illusions (Junior Science Series)  
Pathway into Light  
Second Sight  
Sense Perception, Part 1: The Wonder of the Senses  
Sense Perception, Part 2: The Limitations of the Senses  
Triumph of Louis Braille (You Are There)  
Visual Perception Research (The Search)  
You and Your Eyes (This Is You Series)  
You and Your Five Senses (This Is You Series)  
Your Children's Eyes  
Your Eyes

## **WATER SUPPLY**

Conserving Our Water Resources Today  
George Washington's River  
Living Water, Part 2: Man's Problem  
Twentieth Century River...?  
Water Famine  
Water for the Community  
Water, Friend or Enemy  
Water Supply  
Water We Drink  
Wise Use of Water Resources

## **ARCHERY**

Archery for Girls  
Archery Fundamentals  
Archery Instruction and Safety  
Bows and Arrows  
Introduction to Field Archery

## **BASEBALL**

Baseball for Millions  
Baseball Instruction: Base Running  
Baseball Instruction: Batting and Bunting  
Baseball Instruction: Catching  
Baseball Instruction: First and Third Basemen  
Baseball Instruction: Outfielding  
Baseball Instruction: Pitching  
Baseball Instruction: Shortstop and Second Baseman  
Batting Fundamentals  
Batting Stars of Baseball  
A Boy, a Bat, and a Baseball  
Catching Fundamentals  
Catching in Baseball  
Circling the Bases  
Democracy of Baseball  
Hitting in Baseball  
Infield Play at First and Third  
Lou Gehrig's Greatest Day (You Are There)  
Official Baseball  
Play Ball, Son  
Throwing in Baseball

## **BASKETBALL**

Basketball for Boys: Fundamentals  
Basketball for Boys: Teamplay  
Basketball for Girls: Fundamental Techniques  
Basketball for Girls: Game Play  
Basketball for Millions  
Basketball Fundamentals (Second Edition)  
Basketball Strategy for Girls  
Basketball Techniques for Girls  
Girls' Basketball for Beginners  
Official Basketball  
Play Championship Basketball  
This Is Basketball  
Understanding Basketball

## **BOATS AND BOATING**

Nine Against the River  
Small Craft Safety

Tall Ship on Deep Waters  
Waterway Holiday: The Trent-Severn  
Waterway

## **BOWLING**

American Bowls  
Bowling Aces  
Bowling Fundamentals  
Splits, Spares, and Strikes

## **CAMPING**

Adventuring in Conservation  
Camping at Lake Glendale  
Spirit of Algonquin

## **DANCE**

American Square Dance  
Appalachian Spring  
Brandenburg Concerto #4  
Building Children's Personalities with  
Creative Dancing  
Canada Dances  
Dance Demonstration  
Dance Festival  
Dance Your Own Way  
Dancer's World  
Dances by Suzushi Hanayagi  
Fable of the Peacock  
Folk Songs and Folk Dances of Pakistan  
Great Ballerina  
Indian Dances  
Indian Life in the Southwest  
Introduction to Dance  
Let's Dance  
Let's Square Dance, No. 1: Take a Little  
Peek  
Let's Square Dance, No. 2: Split the Ring  
Modern Dance  
Modern Dance: The ABC of Composition  
Modern Dance Composition  
Modern Dance Technique in Sequential  
Form  
Night Journey  
Old Chief's Dance  
Plastic Body  
"Promenade All" — Western Square  
Dancing  
Pueblo Boy  
Ruth St. Denis and Ted Shawn (Wisdom  
Series)  
Sadler's Wells Ballerina  
Smoki Snake Dance

Social Dancing  
Southwestern Indian Dances (This Land of  
Ours Series)  
Square Dance Medley  
Square Dancing  
Steps of the Ballet  
Tales of the Vienna Woods  
Witch Doctor  
Yoshi No Yama (A Classical Japanese  
Dance)

## **ENTERTAINMENT FILMS — SPORTS**

Aqua Frolics  
Championship Form  
Court Favorites (Tennis)  
Daredevils on Ice  
Democracy of Baseball  
Double in Bluefins  
Fishing Fun  
Fishing Thrills  
High Country Safari  
Hold 'Em Cowboy  
In the Rough  
Killers of the Sea  
Olympic Games — 1952  
Olympic Winter Thrills  
Pheasant Fever  
Quarter Horse: At Halter  
Quarter Horse: Cutting  
Quarter Horse: Reining  
Quarter Horse: Roping  
Ride, Cowboy, Ride  
Seal Hunt  
Ski Thrills  
Swimming and Diving Aces  
This Is the Mallard  
Thrill a Second  
Water Daredevils  
Waterways and Flyways of the North  
Where Winter's a Pleasure  
Wonder Dogs in Action

## **FISHING, SPORT**

Big Country, Big Fish  
Big White Water  
Double in Bluefins  
Fishing Fun  
Fishing Thrills  
Grey Trout  
Land of the Pink Snow  
Tight Lines  
Waterways and Flyways of the North

## **FOOTBALL**

Ball Handling in Football  
Blocking in Football  
Football Fundamentals: Blocking and Tackling  
Football Kicking Techniques  
Official Football  
T Formation (Basic Plays)  
T Formation (Open Plays)  
Tackling in Football  
This Is Football

## **GOLF**

Building Your Golf Swing  
In the Rough  
Pitch and Run — Pitching and Sand Shots  
Play Better Golf, Part 1 (Fundamentals)  
Play Better Golf, Part 2 (Advanced)  
Putting  
Welcome to Golf

## **GYMNASTICS**

Advanced Tumbling  
Beginning Tumbling  
Gymnastics: Fundamentals and Techniques, Part 1  
Gymnastics: Fundamentals and Techniques, Part 2  
Gymnastics: Side Horse Exercises  
Intermediate Tumbling  
Rhythmic Exercises  
Simple Stunts  
Sofia Girls  
Trampoline Fundamentals

## **HORSEBACK RIDING**

American Horse  
Quarter Horse: At Halter  
Quarter Horse: Cutting  
Quarter Horse: Reining  
Quarter Horse: Roping  
Ride, Cowboy, Ride  
They're Off and Running  
Youth and the Quarter Horse

## **HUNTING AND TRAPPING**

Fur Trapper of the North  
High Country Safari  
Pheasant Fever  
Retrievers at Work  
Seal Hunt  
This Is the Mallard

Waterways and Flyways of the North  
Wonder Dogs in Action

## **PHYSICAL EDUCATION**

Basic Movement  
Body Builders  
Contouring Your Figure  
Dynamic Posture  
Education in Sports  
Exercise and Health  
How To Avoid Muscle Strains  
Improving Your Posture  
Mobilization of the Human Body  
Physical Fitness (The Search)  
Posture and Exercise  
Posture Habits (Second Edition)  
Posture in Motion  
Readiness — The Fourth R  
Rope Skipping (Basic Steps)  
Sofia Girls  
They Grow Up So Fast  
Weight Training: Basic Exercises  
Why Physical Education?

## **SOFTBALL**

Girls, Let's Learn Softball  
Softball for Boys  
Softball for Girls  
Softball Fundamentals

## **SPORTS, MISCELLANEOUS**

Badminton Fundamentals  
Beat Ball  
Birth of Modern Boxing (You Are There)  
Championship Form  
Fight Game  
Fundamentals of Badminton  
Fundamentals of Soccer  
Handball Fundamentals  
New Zealand — People and Sports  
Roller Skating: Roller Rhythm  
Soccer — Let's Play  
Soccer for Girls (Revised Edition)  
Speed-A-Way  
Speedball for Girls  
Sport's Golden Age  
Sports 'Round the Globe  
Swordsmanship  
Table Tennis  
Techniques of Foil Fencing (silent)  
Wheels on Your Feet



## **SWIMMING AND DIVING**

Advanced Swimming  
Anyone for Diving?  
Beginning Swimming  
Crawl Stroke  
Diving Fundamentals  
Dolphin Kick  
Fundamentals of Creative Swimming,  
Part 1: Strokes and Stroking Skills  
Fundamentals of Creative Swimming,  
Part 2: Body Positions and Figures  
Fundamentals of Diving  
Fundamentals of Swimming  
Matt Mann's Swimming Techniques for Boys  
Matt Mann's Swimming Techniques for Girls  
New Magic of Swimming  
Safe Swimming  
Springboard and Front Approach  
Springboard Diving  
Springboard Techniques (The Forward and  
Backward Lifts)  
Swan Dive and Front Jack-Knife  
Swimming and Diving Aces  
Swimming for Beginners

## **TENNIS**

Advanced Tennis  
Beginning Tennis  
Court Favorites (Tennis)  
Fundamentals of Tennis  
Technique of Tennis  
Tennis — Elementary Fundamentals  
Tennis — Intermediate and Advanced  
Fundamentals  
Tennis for Beginners  
Tennis Tactics  
Tennis Technique

## **TRACK AND FIELD**

Bannister Wins the Mile Run (You Are  
There)  
Dashes, Hurdles, and Relays  
The Discus  
The Discus (Track and Field Instruction  
Series)  
Distance Races  
Fundamentals of Running  
Fundamentals of Track and Field  
High Jump  
High Jump (Track and Field Instruction  
Series)

The Hurdles  
The Hurdles (Track and Field Instruction  
Series)  
Middle Distances  
Pole Vault  
Pole Vault (Track and Field Instruction  
Series)  
The Relays  
Running Broad Jump (Track and Field  
Instruction Series)  
Shot Put (Track and Field Instruction  
Series)  
The Sprints  
This Is Track and Field

## **VOLLEYBALL**

Fundamentals of Volleyball  
Play Volleyball  
Volleyball Drills and Techniques  
Volleyball for Boys  
Volleyball for Women  
Volleyball Skills  
Volleyball Strategy for Girls  
Volleyball Techniques for Girls

## **WINTER SPORTS**

Carnival in Quebec  
Daredevils on Ice  
Hot Ice  
Ice Capers  
Introduction to the Art of Figure Skating  
Olympic Winter Thrills  
Ski Thrills  
Where Winter's a Pleasure  
Winter Olympics on the Tahoe National  
Forest

## **WRESTLING**

Scientific Unarmed Self-Defence: An Expo-  
sition of the Ancient Asian Esoteric Arts  
Wrestling: Basic Skills, Part 1 — Starting  
Positions and Takedowns  
Wrestling: Basic Skills, Part 2 — Escapes  
and Reversals  
Wrestling: Basic Skills, Part 3 — Break-  
downs into Pinning Combinations  
Wrestling Fundamentals and Techniques,  
Part 1: Takedowns and Counters  
Wrestling Fundamentals and Techniques,  
Part 2: Escapes and Reversals  
Wrestling Fundamentals and Techniques,  
Part 3: Rides and Pinholds

## **RECREATION**

Camping at Lake Glendale

Creative Leisure

Financed Recreation: A Pay-As-You-Go Plan

Know Your Parks

Leaders for Leisure

Make Way for Youth

Nothing To Do! (Four Summertime Episodes)

Playtown, U.S.A.

Recreational and Occupational Therapy  
Town and Country Recreation

## **SCOUTS AND SCOUTING**

Adventuring in the Arts

Knifecraft

## FILM DESCRIPTIONS

### ABOUT THE HUMAN BODY (chu)

*i-j* 15 minutes 50924 color: \$5.65

A boy's visit to a doctor's office for a physical examination is the occasion for a discussion of the more important body systems. Uses animation to explore the functions and uses of bones, ligaments, and muscles. Shows the working of the nervous, respiratory, digestive, and circulatory systems. A 1960 production.

### ADVANCED SWIMMING (of)

*j-h-c-a* 10 minutes 00193 bw: \$2.15

Shows techniques that are essential to championship swimmers—breathing, body alignment, and arm and leg action. Supervised by Fred Cady, swimming coach of U. S. Olympic teams. A 1947 production.

### ADVANCED TENNIS (of)

*j-h-c-a* 11 minutes 01476 bw: \$2.15

Bill Tilden reviews tennis fundamentals and then explains some advanced techniques. His demonstrations and illustrations of net game, footwork, smash, service, and volley are photographed from front, back, side, and overhead to allow study from every angle. A 1946 production.

### ADVANCED TUMBLING (c)

*h-c* 10 minutes 48500 bw: \$2.35

Presents fourteen advanced stunts grouped in a balance progression, backward somersault progression, and forward somersault progression. Stresses that mastery of tumbling makes athletes less prone to injury in other more vigorous sports. A 1945 production.

### ADVENT OF ANESTHESIA (mcc)

*h-c-a* 8 minutes 01479 bw: \$2.15

Points out that before anesthesia was developed, major operations were crude and hurried because of the intense suffering of the patient. Shows a re-enactment of the first public demonstration of the use of anesthesia, in Massachusetts in 1846. Ether was used on this occasion to render the patient unconscious and keep him from suffering pain. A new era in surgery was born. A 1946 production.

### ADVENTURING IN CONSERVATION (iu)

*i-j* 16 minutes 50751 color: \$5.05

Stresses the need for care and consideration

in the perpetuation of American resources. Features many boys and girls in actual camp and conservation activities such as camping, hiking, boating, and fishing. A 1959 production.

### ADVENTURING IN THE ARTS (gsa)

*j-h-a* 22 minutes 50668 color: \$5.05

A Girl Scout troop's visit to the county fair stimulates the girls to find new creative adventures in hand arts, music, and pantomime. A 1956 production.

### ALCOHOL AND THE HUMAN BODY (eb)

*j-h-c-a* 15 minutes 73800 bw: \$3.15

Describes the characteristics of alcohol and how it is made, explains the specific effects of alcohol on the human body, and traces the course of alcohol through the body until it either oxidizes or escapes. Shows the effects of alcohol on important brain centers, and dramatizes the case of a problem drinker, including his treatment. A 1949 production.

### ALCOHOL AND TOBACCO: WHAT THEY DO TO OUR BODIES (c)

*j-h* 10 minutes 01521 bw: \$2.35

Warns against the use of alcohol and tobacco, and shows through a series of physical tests the effects of these substances on the normal performances of an athlete, a juggler, and a person doing detailed work. Suggests that alcohol and tobacco are unlabeled poisons and shows their effects on the body by means of medical tests of heart beat, constriction of blood vessels, and skin temperature before and after taking alcohol and nicotine into the body. A 1953 production.

### ALCOHOL IS DYNAMITE (sd)

*j-h* 9 minutes 28300 bw: \$2.35

Case histories of teen-age drinkers demonstrate that drinking can become habit-forming before the victim realizes it. The experiences of three boys are told by the father of one of them. Animation shows the effects of alcohol on the nervous system. A 1952 production.

### ALCOHOLISM (eb)

*j-h-a* 22 minutes 51176 bw: \$4.55

Presents some causes of excessive drinking, tracing the development of the disorder in the case history of Ed Grimer. Shows how the roots of alcoholism are imbedded in per-

sonality difficulties, and describes various forms of treatment. Demonstrates the role of the public clinic, and emphasizes the need for increased treatment facilities and greater public knowledge. A 1952 production.

#### **ALIMENTARY TRACT (eb)**

*j-h-c* 11 minutes 09800 *bw*: \$2.15

Portrays the actions of esophagus, stomach, small intestine, and colon to move food and waste materials through the body. Shows normal and stimulated stomach movements such as hypermotility, inhibition, and hunger contractions; and portrays such intestinal phenomena as segmentation, peristalsis, and antiperistalsis. Demonstrates in cinemicrography actual absorbing movements of intestinal villi.

#### **ALLERGIES (eb)**

*j-h-c* 13 minutes 51184 *bw*: \$2.65  
51185 *color*: \$4.05

Discusses common allergens, methods of testing for allergies, and some means of relief or cure. Animation is used to describe an allergy as a sensitivity of some part of the body to a particular substance. Cautions against the too-extensive use of antihistamines. A 1952 production.

#### **AMBULANCE DOCTOR (rko)**

*j-h* 17 minutes 51188 *bw*: \$3.35

Filmed at the Roosevelt Hospital in New York City. Explores the experiences of a doctor as he rides the ambulance through city streets in answer to emergency calls of all kinds and quickly administers medical aid at the scene of an accident or disaster. A 1952 production.

#### **AMERICA BOWLS (nbco)**

*j-h-c-a* 23 minutes 80755 *bw*: \$3.95

Outstanding American bowlers demonstrate their technique and give step-by-step instructions. Features Ned Day, Buddy Bomar, Marion Ladewig, Andy Varipapa, Joe Norris, and Connie Schwoegler. A 1952 production.

#### **AMERICAN HORSE (uc)**

*j-h-c* 17 minutes 50388 *color*: \$5.05

Shows distinct breeds of horses which have been developed in America including the Morgan, standardbred, quarter horse, and the Tennessee walking horse. Other types more widely known for their coloring are

the Indian pony called the Appaloosa, the California palomino, and the southwestern pinto. Also shown and described are the racer, hunter, polo pony, hackney, harness, draft, cavalry, saddle, rodeo, and parade horse. A 1942 production.

#### **AMERICAN SQUARE DANCE (c)**

*j-h-c-a* 10 minutes 01543 *bw*: \$2.15

With orchestral accompaniment, an experienced caller and a narrator explain the positions and teach such fundamental steps as the swing, alemande, grand right and left, promenade, do-si-do, and many others. Includes the folk dance "Take a Little Peek." A 1947 production.

#### **AND THE EARTH SHALL GIVE BACK LIFE (ldr for ers)**

*j-h-c-a* 23 minutes 81115 *bw*: \$2.15

Briefly describes some of the uses of antibiotics. Animation is used to show how disease germs reproduce and some of their characteristics. Pictures how antibiotics kill germs, the molds from which antibiotics are derived, the research involved in their derivation, and the production of antibiotics commercially. A 1952 production.

#### **ANGEL OF MERCY (mgm)**

*i-j-h* 10 minutes 01572 *bw*: \$2.35

Shows the care of the wounded by Clara Barton during the Civil War and her subsequent efforts to organize the American Red Cross. A 1939 production. *Restricted to classroom use.*

#### **ANTIBIOTICS (eb)**

*j-h* 14 minutes 51224 *bw*: \$2.95  
51225 *color*: \$4.55

Explains that antibiotics are chemical substances, produced by microorganisms, which inhibit or kill many bacteria that cause disease. Recreates the discovery of penicillin. Illustrates present-day uses of antibiotics in treating diseases and in food preservation and animal husbandry. A 1952 production.

#### **ANYONE FOR DIVING? (ladp)**

*j-h-c-a* 33 minutes 81386 *color*: \$7.35

Begins with an animated sequence on the history of diving from the cave-man era to 1964. Then follows a group of students through the County of Los Angeles Diving Instruction Program. The methods, practices,

and rules set down by this program are demonstrated in use.

**APPALACHIAN SPRING** (wqed with net and chco)

*h-c-a* 30 minutes 80147 bw: \$7.15

Combines Aaron Copland's music and Martha Graham's dance group in an interpretation of a story set in the Appalachian wilderness during the pioneer period of American history. The dance tells of a young couple's wedding day, the building of their house, their celebration, the wandering preacher's dire sermon, and the pioneer woman's gentle blessing. The day ends with everyone leaving the couple as they begin life together in their new home. A 1959 production.

**AQUA FROLICS** (uw)

*general* 10 minutes 00860 bw: \$2.15

Includes basketball under water, diving from 300-foot cliffs, water ski champs, reckless canoeists in rapids, and daring outboard motorboat feats.

**ARCHERY FOR GIRLS** (c)

*j-h-c* 10 minutes 02980 bw: \$2.25

With experts demonstrating, the film shows and explains the fundamental techniques of shooting: proper stance, knocking the arrow, the draw, the aim, and the loose. Points out the suitability of archery for formal and informal groups. Stresses the importance of relaxation and regular practice. A 1949 production.

**ARCHERY FUNDAMENTALS** (dlr; bfs)

*j-h-c-a* 11 minutes 01162 color: \$3.80

Presents basic information about archery, including shooting equipment, proper methods of choosing and using it, and safety measures, together with tips that will increase enjoyment and achievement on the archery field. Demonstrations are given by both men and women, showing step-by-step procedures in preparing to shoot, sighting the target, and releasing the arrow. A 1960 production.

**ARCHERY INSTRUCTION AND SAFETY** (haf)

*j-h-c-a* 10 minutes 01069 color: \$3.40

Explains the equipment required for archery, the parts of a bow and arrow, how to string a bow, pulling the bow to shoot, correct release of the arrow, and the correct stance.

Stresses also the safety precautions one should take. A 1957 production.

**ARROWSMITH** (imgm, edited by tfc)

*h-c-a* 11 minutes 01630 bw: \$2.15

An excerpt from the feature film based on the novel by Sinclair Lewis. Tells the story of two doctors who develop a serum which will afford immunity to bubonic plague, and their problems in testing the serum on human beings. A 1931 production. *Restricted to classroom use.*

**AS BOYS GROW** (pacp)

*j* 17 minutes 50661 bw: \$3.95

Deals with the changes that occur in boys during adolescence. Attention is given to both primary and secondary sexual characteristics, and to the relationship between the sexes during adolescence. A 1957 production.

**ATOM AND MEDICINE** (eb)

*j-h-c-a* 11 minutes 51257 bw: \$2.35

Demonstrates how, by taking radioiodine internally, one man's condition was diagnosed and cured. Describes the important role of radioisotopes in hospitals, clinics, and doctors' offices. Clarifies misconceptions about the handling, dosage, and alleged dangers of radioisotope diagnosis and therapy. Emphasizes the respect with which radiation must be treated, and shows some of the instruments and devices used to handle it. A 1952 production.

**ATTITUDES AND HEALTH** (c)

*j-h-c* 10 minutes 01663 bw: \$2.25

Marv Baker does not make the basketball team. His sister, Alice, is actually ill because she failed to get an expected promotion. They learn from their doctor that wrong attitudes prevent the individual from doing his best, and can even cause physical illness. Shows that both achievements and failures have meaning only in perspective, and that self-confidence and right attitudes are vital to good health. A 1949 production.

**BADMINTON FUNDAMENTALS** (c)

*j-h-c-a* 9 minutes 01437 bw: \$2.25

Gives badminton court dimensions, lists the equipment needed, and demonstrates how the game is played by experts and novices. An expert explains techniques of serving, gripping, stroking, and following through, with some slow-motion views of the latter. A 1950 production.

**BALANCE YOUR DIET FOR HEALTH AND APPEARANCE (c)**

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j-h	11 minutes	00517	bw: \$2.35
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Jane, Bill, and Fred analyze their own eating habits. Bill is a breakfast-misser, Jane's weakness is greasy foods, and Fred eats more than his share of carbohydrates. As they learn more about diet, they recognize the importance of a balanced diet to weight, skin condition, and personality. The seven basic food groups are presented and illustrated. A 1960 production.

**BALL HANDLING IN FOOTBALL (eb)**

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j-h	9 minutes	47400	bw: \$2.25
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Analyzes the football receiver's stance, the position of the hands, and the importance of keeping his eyes on the ball. Demonstrates correct fundamentals in catching a ball passed from the center, catching punts and long passes, handling the ball in close and spinner plays, and shifting the ball from side to side in running. Slow-motion and stop-motion photography aid in detailed study. A 1946 production.

**BANNISTER WINS THE MILE RUN (YOU ARE THERE) (cbs)**

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j-h-a	27 minutes	80080	bw: \$5.35
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One of the feats that man had been striving for some years to accomplish occurred on August 7, 1954, at Vancouver, Canada. "The greatest mile ever run by man" is the contest between John Landy and Dr. Roger Bannister, who prove that the "four minute mile" can be run. Discusses the background of each athlete.

**BASEBALL FOR MILLIONS (genm and wsgc)**

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general	28 minutes	80352	bw: \$2.15
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Deals with the rules of baseball for batting, base running, pitching, and fielding. Demonstrates examples of rule infractions, including interference with the batter, obstruction by base runners, balks and illegal pitches, and infield catches. Illustrates how penalties are assessed for each type of rule infraction. A 1959 production.

**BASEBALL INSTRUCTION: BASE RUNNING (etal; fos)**

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j-h	12 minutes	03021	bw: \$2.15
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Demonstrates the following baseball techniques: the swing and break from the plate, running to first base, the lead and stance at first base, starting on steals, rounding second

and third bases, strategy on hits, maneuvering in rundowns, and sliding.

**BASEBALL INSTRUCTION: BATTING AND BUNTING (etal; fos)**

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j-h	11 minutes	03022	bw: \$2.15
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Demonstrates the following baseball techniques: selecting a bat, grip and stance, position in the batter's box, coordinating stride and swing, hit-and-run play, use of the batting tee, sacrifice bunts, and beating out a bunt.

**BASEBALL INSTRUCTION: CATCHING (etal; fos)**

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j-h	11 minutes	03023	bw: \$2.15
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Demonstrates the following baseball techniques: giving signals, handling pitched balls, shifting and throwing, fielding bunts, catching fly balls, working pitchouts, making a force play, and tagging runners.

**BASEBALL INSTRUCTION: FIRST AND THIRD BASEMEN (etal; fos)**

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j-h	10 minutes	03024	bw: \$2.15
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Demonstrates the following baseball techniques: shifting for throws at first base, making unassisted put-outs, throwing to second base, blocking hard-hit balls at third, fielding routine grounders, handling bunts, working pick-off plays, and completing rundowns.

**BASEBALL INSTRUCTION: OUTFIELDING (etal; fos)**

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j-h	10 minutes	03025	bw: \$2.15
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Demonstrates the following baseball techniques: starting for balls, fielding fly balls, handling ground balls, playing rebounds, strategy on short fly balls, making basic throws, tactics on hits, and executing relays and cutoffs.

**BASEBALL INSTRUCTION: PITCHING (etal; fos)**

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j-h	12 minutes	03026	bw: \$2.15
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Demonstrates the following baseball techniques: taking pitching position, delivering the ball, making pitchouts, catching runners off base, working pick-off plays at second base, combatting a squeeze play, fielding and throwing, and covering first base.

**BASEBALL INSTRUCTION: SHORTSTOP AND SECOND BASEMAN (etal; fos)**

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j-h	10 minutes	03027	bw: \$2.15
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Demonstrates the following baseball techniques: fielding ground balls, making long and short throws, strategy on slow-hit balls,

teamwork with second base occupied, covering second base on steals, defense for double steals, working pick-off plays, and pivoting on double plays.

#### **BASIC MOVEMENT (pma)**

*j-h-c-a 14 minutes 50357 color: \$3.95*

Peggy Lawler and Perry-Mansfield students demonstrate basic exercises intended to develop flexibility and improve the silhouette. A 1954 production.

#### **BASKETBALL FOR BOYS: FUNDAMENTALS (bfs with jak)**

*j-h 10 minutes 01093 bw: \$2.35*

In this demonstration of basic basketball skills each fundamental is demonstrated by capable students, with important teaching points emphasized by slow-motion photography and repeat action. A 1959 production.

#### **BASKETBALL FOR BOYS: TEAMPLAY (bfs with jak)**

*j-h 11 minutes 01094 bw: \$2.35*

Presents fundamental units of basketball teamwork. Five-man offense starts with one- and two-man action and concludes with a set play based upon these actions. Defensive play progresses from the defensive triangle to full team cooperation. Uses animation, slow-motion, and stop-motion photography, and repetition of scenes. A 1959 production.

#### **BASKETBALL FOR GIRLS: FUNDAMENTAL TECHNIQUES (c)**

*j-h-c 10 minutes 01451 bw: \$2.15*

Demonstrates the fundamental techniques of ball handling, passing, and shooting in basketball for girls. Emphasizes the value of practice and the importance of individual skill to team success. A 1948 production.

#### **BASKETBALL FOR GIRLS: GAME PLAY (c)**

*j-h-c 10 minutes 01452 bw: \$2.15*

Shows individual player techniques in basketball for girls which will help to improve skills. Includes pivoting, feinting, passing, screening, shooting, and handling rebounds. A 1948 production.

#### **BASKETBALL FOR MILLIONS (genm and wsgc)**

*general 27 minutes 83200 bw: \$2.15*

A dream sequence is used to depict accepted officiating procedures and basic rule fundamentals in basketball. A 1958 production.

#### **BASKETBALL FUNDAMENTALS (SECOND EDITION) (c)**

*j-h 14 minutes 60565 bw: \$3.15*

Members of the University of Cincinnati varsity team demonstrate the fundamental skills of basketball, including dribbling, passing, body handling, defensive techniques, and shooting. They also show practice and drill for the development of these skills. Includes both normal and slow-motion scenes. A 1964 production.

#### **BASKETBALL STRATEGY FOR GIRLS (ya)**

*j-h-c 10 minutes 00348 bw: \$2.35*

Shows various basketball plays on a magnetic board; then the plays are demonstrated on the basketball court by a group of college girls. Includes screening plays, the figure-8 offense, and fast breaks. Illustrates guarding techniques — zone defense, triangle defense, player-to-player defense, and diagonal defense. Summarizes both offensive and defensive play in chart form. A 1955 production.

#### **BASKETBALL TECHNIQUES FOR GIRLS (ya)**

*j-h-c 10 minutes 00598 bw: \$2.35*

Shows a group of college girls demonstrating the basic skills in basketball — control of body movement, passing, shooting, turning, and starting. Illustrates such passing fundamentals as holding the ball, finger control, footwork, turning, types of passes, and catching. Illustrates movements with slow-motion techniques and summarizes each section with charts. A 1955 production.

#### **BATHING THE BED PATIENT (usn)**

*h-c-a 20 minutes 57300 bw: \$3.15*

Shows the procedure for making a neat bed with a minimum of disturbance to the patient. Demonstrates the proper method of washing the patient with as much comfort as possible.

#### **BATTING FUNDAMENTALS (c)**

*j-h-c 10 minutes 01454 bw: \$2.15*

Points out that the baseball player's batting average depends on how well he has mastered the fundamentals of selecting the right bat, using the correct grip, taking a proper stance, keeping his eye on the ball, using a level swing into the ball, and finishing with a complete follow-through. These points and the exercises by which they are mastered are demonstrated by skilled professionals. A 1946 production.

**BATTING STARS OF BASEBALL (anl)**

<i>i-j-h-a</i>	<i>18 minutes</i>	<i>50420</i>	<i>bw: \$3.15</i>
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Covers the more important fundamentals of batting, partly in slow motion, as demonstrated by established major league baseball stars. A 1947 production.

**BEAT BALL (iu)**

<i>i-j</i>	<i>4 minutes</i>	<i>01458</i>	<i>bw: \$2.15</i>
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Shows a group of junior-high boys and girls playing Beat Ball. Demonstrates division into teams, throwing, running, and putting the runner out. Introduces several variations of the original game. A 1951 production.

**BEFORE THE BABY COMES (kb)**

<i>h-c-a</i>	<i>10 minutes</i>	<i>01462</i>	<i>bw: \$2.15</i>
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Shows a mother's first trip to the doctor and points out the value of an early physical examination. Explains the importance of correct clothes, dental care, proper foods, bathing, and other good health practices during pregnancy. A 1940 production.

**BEGINNING SWIMMING (lor; c)**

<i>i-j-h</i>	<i>10 minutes</i>	<i>00375</i>	<i>bw: \$2.25</i>
		<i>00374</i>	<i>color: \$3.40</i>

Land and water drills—including kicking, breathing, floating, paddling, stroking, and pulling with the arm—are practiced separately, then coordinated as the swimmer learns the American crawl. The back float, backstroke, and breast stroke are also illustrated and explained. Scenes are photographed from both above and below water level. A 1955 production.

**BEGINNING TENNIS (aap)**

<i>j-h-c-a</i>	<i>14 minutes</i>	<i>50696</i>	<i>bw: \$3.05</i>
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Demonstrates and analyzes the correct body movements of tennis fundamentals. Shows actual playing situations in which these fundamentals are emphasized, and also includes individual demonstration and analysis. Shows each fundamental at least five times. A 1960 production.

**BEGINNING TUMBLING (c)**

<i>j-h-c</i>	<i>9 minutes</i>	<i>28700</i>	<i>bw: \$2.35</i>
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Presents six stunts of the roll progression and eight stunts of the inverted balance progression suitable for beginners. Boys demonstrate each of the stunts in slow motion as well as in normal motion. A 1946 production.

**BETTER BREAKFASTS, U.S.A. (ci)**

<i>i-j</i>	<i>11 minutes</i>	<i>01477</i>	<i>color: \$2.15</i>
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Presents the findings of scientific research on breakfasts to emphasize the importance of an adequate breakfast for teen-agers. Then shows the growing and processing of cereal grains, attractive breakfast settings, and a group of seventh-graders working on a "Better Breakfast" unit.

**BIG COUNTRY, BIG FISH (crf for pman; cfl)**

<i>h-c-a</i>	<i>13 minutes</i>	<i>50442</i>	<i>color: \$2.15</i>
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Depicts fishing for lake trout, pike, pickerel, and walleyes in Manitoba by following a party of fishermen on a trip to the God's Lake country of northern Manitoba. Shows the resort, lodge, camping, boating, and fishing facilities of the area. Explores the rapids, rivers, and fast waters especially suited for sports and fishing. Demonstrates the Indian way of cooking fish outdoors, and stresses the care of tackle and equipment. A 1957 production.

**BIG WHITE WATER (mbfp for mmc; cfl)**

<i>j-h-a</i>	<i>9 minutes</i>	<i>18500</i>	<i>color: \$2.15</i>
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Explores the scenic turbulence of the Manouane River, a tributary of the Peribonca River which flows into Lake St. John in the wilderness of northern Quebec. Shows a group of fishermen who navigate the Manouane in canoes, racing through churning rapids and slanting falls—a perilous venture were it not for the Indian guides who handle their craft with easy confidence. Landlocked salmon spawn in these waters and the fishermen are rewarded for their daring with good catches of fish.

**BIOGRAPHY OF THE UNBORN (eb)**

<i>h-c-a</i>	<i>15 minutes</i>	<i>50123</i>	<i>bw: \$3.45</i>
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Traces human development from the moment of fertilization to the moment when the infant begins independent life. In photomicrography, animation, live photography, and X rays, the film records the development of the embryo and the fetus in the mother's womb. A 1956 production.

**BIRTH OF MODERN BOXING (YOU ARE THERE) (cbs)**

<i>j-h-c</i>	<i>28 minutes</i>	<i>80083</i>	<i>bw: \$5.85</i>
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Shows how the modern Marquis of Queensbury rules for boxing became a reality on September 7, 1892, in New Orleans, with the heavyweight championship fight between Sullivan and Corbett.



**BLOCKING IN FOOTBALL (eb)**

<i>j-h</i>	<i>10 minutes</i>	<i>47500</i>	<i>bw: \$2.15</i>
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Emphasizes the importance of speed, power, drive, follow-through, timing, and body control for effective blocking in football. Stresses the correct starting position for all blocks, and then demonstrates the cross-body block and the shoulder block, together with their many variations. Uses slow-motion and stop-motion photography and superimposed animated drawings. A 1946 production.

**BLOOD TRANSFUSION (bis)**

<i>j-h-c-a</i>	<i>18 minutes</i>	<i>50452</i>	<i>bw: \$3.25</i>
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Tells the story of the development of blood transfusion techniques from the time of Landsteiner's discovery of the four blood types in 1901 to the modern blood donor and blood bank systems developed during World War II. A 1947 production.

**BODY BUILDERS (spec)**

<i>j-h-c-a</i>	<i>13 minutes</i>	<i>51173</i>	<i>bw: \$2.65</i>
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Shows some of this country's finest masculine physiques. Illustrates the basic exercises, and gives an audience unfamiliar with body building an idea of how much perfection can be achieved by weightlifting, tumbling, and hand-balancing. Renald and Ruby appear in a sequence. Intended to encourage and stimulate body building and the sport of weightlifting. A 1951 production.

**BODY CARE AND GROOMING (mcgh)**

<i>h-c</i>	<i>17 minutes</i>	<i>66600</i>	<i>bw: \$3.65</i>
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Emphasizes that good grooming starts with personal care, and describes some recommended daily habits that help everyone to make the most of what nature has provided. Demonstrates how to take care of skin, hair, nails, and teeth; and stresses the social advantages of a clean, healthy appearance. A 1948 production.

**BODY DEFENSES AGAINST DISEASE (eb)**

<i>j-h-c-a</i>	<i>10 minutes</i>	<i>00700</i>	<i>bw: \$2.35</i>
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Uses animated drawings and cinephotomicrography to examine the three lines of defense against infection: the skin and mucous membrane, the lymphatic system, and the circulatory system. Explains how the body becomes immune to certain diseases, and describes methods which man can use to improve defenses against infection. A 1937 production.

**BODY FIGHTS BACTERIA (mcgh)**

<i>j-h-c-a</i>	<i>15 minutes</i>	<i>66800</i>	<i>bw: \$3.45</i>
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Shows disease-producing organisms which attack the body, the body's methods of controlling disease organisms, and both active and passive artificial immunization. A 1947 production.

**BOWLING ACES (casf)**

<i>j-h-c-a</i>	<i>10 minutes</i>	<i>00873</i>	<i>bw: \$2.15</i>
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Features the great Joe Falcato and other bowling champions. A 1949 production.

**BOWLING FUNDAMENTALS (tf)**

<i>h-c-a</i>	<i>17 minutes</i>	<i>51182</i>	<i>bw: \$3.35</i>
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Covers the important steps in bowling. An expert is shown giving a group of boys and girls instructions and demonstrations on selection of the ball, stance, approach, aim, delivery, follow-through, and direction. Ends with a summary of the basic information. A 1947 production.

**BOWS AND ARROWS (of)**

<i>j-h-c-a</i>	<i>10 minutes</i>	<i>35400</i>	<i>bw: \$2.15</i>
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Presents an outdoor adventure with bow and arrow. An archery game called "roving" is demonstrated. Special tricks are performed by five-time champion Russ Hoogerhyde. A 1944 production.

**A BOY, A BAT, AND A BASEBALL (ya)**

<i>i-j-h</i>	<i>17 minutes</i>	<i>50192</i>	<i>bw: \$3.05</i>
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Tells the story of organized supervised amateur baseball for boys from eight and eighteen, including the Little League, the Babe Ruth League, and the American Legion Junior Baseball League. A 1955 production.

**BOY TO MAN (chu)**

<i>j</i>	<i>16 minutes</i>	<i>51183</i>	<i>color: \$5.65</i>
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Describes the physical changes occurring in adolescent boys at puberty, including variable growth rate, secondary sexual changes, glandular changes, and sexual maturation. A 1962 production.

**BRAIN AND BEHAVIOR (mcgh)**

<i>c-a</i>	<i>22 minutes</i>	<i>80326</i>	<i>bw: \$4.75</i>
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Uses animation and models to locate the areas of the brain, and demonstrates the effects of injury to each area. Points out the

visual area, parietal area, central sector, and language areas. Shows the effects of stimulating various parts of the brain during surgery. Also illustrates the changes of behavior following injury to each of these areas. Depicts the difficulties an actual patient has with speech when the language area is injured.

**BRAIN AND BEHAVIOR (FOCUS ON BEHAVIOR SERIES) (msi for net and apsy)**

*h-c-a* 29 minutes 81034 *bw*: \$6.15

Discusses research on the mechanisms of the brain that control human behavior. Dr. Donald B. Lindsley, Professor of Psychology at the University of California at Los Angeles, Dr. Horace W. Magoun, Professor of Anatomy, and other prominent researchers demonstrate the way in which the electrical activity in the brain provides information about man's behavior.

**BRANDENBURG CONCERTO NO. 4 (osu)**

*c-a* 11 minutes 02997 *bw*: \$2.15

Presents a performance by the Ohio State University Dance Group of Bach's *Brandenburg Concerto No. 4*, as choreographed by Ruth Currier and Doris Humphrey. A 1963 production.

**BREAD MAKING (php)**

*i-j-h* 9 minutes 01528 *bw*: \$2.15

Portrays the main steps in the operation of a modern bakery. Stresses the importance of proper nutrition, showing that bread contains so many health-giving body needs that it has become man's most popular single food. A 1950 production.

**BREAST SELF-EXAMINATION (ap for acs)**

*a* 16 minutes 51190 *color*: \$2.15

Designed for women's groups. A doctor teaches his patient how to examine her breasts for lumps each month. She then goes through each step of the examination at home. Stresses the great importance of discovering any lumps in the breast at the earliest possible time and seeking prompt diagnosis by a doctor. Then shows women who are alive because they had surgery in time. A 1962 production.

**BREATHING (WATCH MR. WIZARD SERIES) (dohe; mla)**

*i-j* 30 minutes 81426 *bw*: \$5.65

Mr. Wizard uses common objects to simulate the lungs, rib cage, and diaphragm and demonstrate breathing. He checks rates of breath-

ing under varied conditions, lung capacity, and the presence of carbon dioxide. He uses a sheep's lung and an anatomical model to further illustrate the structure and function of the mechanisms involved in breathing.

**BROKEN APPOINTMENT (mhfb)**

*c* 30 minutes 80488 *bw*: \$5.65

Portrays the experiences of a graduate public health nurse in her attempts to encourage an expectant mother to renew her periodic visits to a clinic. Shows the nurse, after a visit with the client, discussing her problem with her superiors and an in-training group, gaining increasing insight into the case during subsequent relations with the family, and helping to identify and remove the source of the expectant mother's anxiety. A 1953 production.

**BUILDING CHILDREN'S PERSONALITIES WITH CREATIVE DANCING (lpf and garg; uc)**

*c-a* 30 minutes 80312 *color*: \$9.40

Portrays a creative dance teacher guiding a group of pupils in the development of individual styles in creative dancing. Shows the initial awkwardness of a group of five- to ten-year-old boys and girls giving way to more relaxed and rhythmic movements as the teacher encourages the pupils to express freely their inner feelings by suggesting word pictures to them and by praising their efforts. A 1953 production.

**BUILDING YOUR GOLF SWING (djp for ngf)**

*h-c-a* 27 minutes 81100 *color*: \$5.95

Uses regular, slow-motion, stop-action, and animated photography to demonstrate the golf swing, stance, rhythm, and movements of specific parts of the body.

**CAMPING AT LAKE GLENDALE (ui)**

*j-h-a* 8 minutes 01566 *bw*: \$2.15

Shows family camping at Lake Glendale, in Shawnee National Forest in southern Illinois. A family with three boys is pictured spending a week in a variety of outdoor activities. Emphasizes the advantages of such a vacation and the types of facilities available.

**CANADA DANCES (nfb)**

*j-h-c-a* 9 minutes 01568 *bw*: \$2.15

Traditional and present-day dances are seen as the response of groups and individuals to environmental pressures. The influence of Canadian social conditions on dance forms

is demonstrated in a survey which ranges from Indian religious dances, through the national and folk dances of pioneers and early settlers, and the square dances of rural communities, to the mechanistic individualism of modern jive. A 1947 production.

#### **CANCER (eb)**

*j-h-c-a 12 minutes 50035 color: \$3.40*

Shows a doctor explaining to a cancer victim the basic facts of the disease and the seven danger signals everyone should recognize. Illustrates through animation the difference between normal and abnormal cells and how abnormal cells multiply. Reviews various types of therapy as cancer patients undergo treatment. A 1953 production.

#### **CARE OF THE FEET (eb)**

*j-h-c 11 minutes 28500 bw: \$2.35*

Uses X-ray photography and animated drawings to show the normal bony structure of the foot at rest and in various types of motion. Analyzes common foot disorders as to cause and treatment. Emphasizes, among other factors in foot hygiene, the importance of properly fitted shoes; finally, points out the role of X ray in foot examinations. A 1943 production.

#### **CARE OF THE NEWBORN BABY: THE NURSE'S ROLE IN INSTRUCTING THE PARENTS (jah for usoe and usph)**

*h-c-a 31 minutes 81120 bw: \$4.65*

Shows the nurse's functions and duties in teaching parents to care for newborn babies; what the nurse can do in the home, clinic, and hospital; and how to hold, dress, bathe, and feed a baby. A 1944 production.

#### **CARE OF THE SKIN (eb)**

*p-i-j 11 minutes 01587 bw: \$2.15*

Shows a cat washing its face, which makes Billy think he can wash himself in a like manner. Pictures Virginia, his sister, as she tells him how to wash with soap and water. Uses animated drawings to show the various parts of the skin, including pores, sweat glands, and oil glands. Gives examples of common skin disorders; then shows the children washing and bathing themselves properly, and gives suggestions on how to keep the bathroom clean. A 1949 production.

#### **CARNIVAL IN QUEBEC (ctfl)**

*j-h-a 12 minutes 50739 color: \$2.15*

Describes festivities of Quebec City's winter

carnival. Shows ice-sculptured figures, three-day dog sled races, ice canoe races across the St. Lawrence River, and skiing contests. Presents the queen of the winter carnival, the Mardi Gras parade, a torchlight ski descent from a nearby mountain, and dancing, which ends the carnival. A 1956 production.

#### **CATCHING FUNDAMENTALS (c)**

*j-h-c 10 minutes 01826 bw: \$2.35*

Presents the essential baseball catching skills and points out that the catcher is one of the most important members of the ball team, since he is responsible for coordinating team play. The points covered are stance, footwork, signals, catching high fouls, fielding bunts, and backing-up first base. Mike Tresh, star catcher for the Chicago White Sox, appears in a number of scenes. A 1946 production.

#### **CATCHING IN BASEBALL (eb)**

*j-h 10 minutes 01588 bw: \$2.35*

Professional baseball players demonstrate effective techniques for catching the thrown ball, the high-batted ball, and the ground ball. Slow-motion, stop-motion, and close-up photography make possible a careful study of each of the techniques demonstrated. Emphasizes the need for constant practice. A 1947 production.

#### **CHALLENGE: SCIENCE AGAINST CANCER (infbc for nci and cdnh)**

*h-c-a 33 minutes 85700 bw: \$6.65*

Shows the research being carried on as of 1950 to discover the cause, development, and cure for cancer. Animation is used to show the growth of a normal cell. Emphasizes that cancer is an uncontrolled, disordered growth of cells for which the cause is yet unknown. Attempts to recruit high school and college students into scientific work.

#### **CHAMPIONSHIP FORM (sf)**

*j-h-a 9 minutes 11000 bw: \$2.15*

Shows Olympic champions setting world records in diving, jumping, pole vaulting, and javelin throwing. Emphasizes their coordination and grace of movement. A 1948 production.

#### **CHEMISTRY OF BEHAVIOR (FOCUS ON BEHAVIOR SERIES) (msi for net and apsy)**

*h-c-a 29 minutes 81035 bw: \$6.15*

Explains that psychopharmacology, the study of the effects of psychoactive drugs on be-

havior, is one of the newest and most promising areas of psychology. Dr. Roger Russell, of Indiana University, shows some of the tests being conducted to measure the effect of drugs on behavior. Dr. Sebastian Grossman, of the State University of Iowa, demonstrates the methods used to introduce drugs in specific areas of the brain, and shows how these drugs affect behavior.

#### THE CHOICE IS YOURS (fsn for wctu)

*j-h-c-a* 23 minutes 81127 *bw and color: \$4.15*

Dr. A. C. Ivy, former University of Illinois professor, and a group of young people question a science teacher about the effects of alcohol. A 1952 production.

#### CHOOSING A DOCTOR (mcgh)

*h-c-a* 16 minutes 50836 *bw: \$3.65*

When Fred's eight-year-old daughter Cathy has what seems to be an attack of appendicitis, he and his wife, newcomers to town, realize they have done nothing about selecting a doctor. Fred is forced to rely upon a doctor he met for just a few minutes while playing golf. His decision is justified by a successful operation on Cathy, but not before Fred learns the importance of knowing a doctor's qualifications and standing, and how he can obtain reliable information on these matters. A 1959 production.

#### CIRCLING THE BASES (anl)

*j-h-c-a* 20 minutes 51263 *bw: \$3.15*

Demonstrates the basic fundamentals of base running in slow motion. Also shows George Stirnweiss, George Case, and George Myatt in scenes from actual baseball games. A 1946 production.

#### CIRCULATION (uw)

*j-h-c* 18 minutes 51264 *color: \$6.45*

Animated diagrams of the human body describe the systematic and pulmonary circulation of the blood. The structure and functions of heart, lungs, arteries, veins, and capillaries are also described. Shows the route of the blood through the body, the heart cycle, and the exchange of oxygen and carbon dioxide in the lungs and cells of the body. A 1950 production.

#### CIRCULATION: WHY AND HOW (chu)

*j-h* 10 minutes 01665 *color: \$3.60*

Stresses the cell as the building unit of the human body and the role of the various parts

of the circulatory system in meeting the needs of the cell for food, oxygen, and removal of waste materials. Traces pulmonary and systemic circulation. Uses animation to show the parts and operation of the heart, details of arterial structure, and their functions in maintaining blood pressure and regulating blood flow to the various parts of the body.

#### CITY OF THE SICK (odmh)

*h-c-a* 18 minutes 51269 *bw: \$3.15*

Shows life in a mental hospital by telling the story of an attendant who learns how mental patients can be restored to useful living. A 1950 production.

#### COLOR OF HEALTH (fan for gpw)

*i-j-h* 11 minutes 01178 *color: \$2.15*

Portrays the three inner-selves (physical, mental, and emotional) of two teen-agers, using color and animation to show how they achieve a balance in each of these factors. Places emphasis upon choice of proper diet, rest, and exercise to achieve physical well-being. Points out that each individual has the choice to determine what kind of person he will become. A 1960 production.

#### COMMON HEART DISORDERS AND THEIR CAUSES (mcgh)

*h-c-a* 17 minutes 50576 *bw: \$3.75*

First reviews the functioning of a healthy heart and circulatory system. Then studies common heart disorders, giving the history, symptoms, and effects of childhood rheumatic fever, the assumed causes of hypertension, and the effects of each of the conditions which may be caused by arteriosclerosis. A 1956 production.

#### COMMUNITY HEALTH AND YOU (ap; mcgh)

*j-h* 11 minutes 00049 *bw: \$2.35*

Describes how the health department operates in a small town to maintain high health standards. Shows how a community is shielded from disease by protecting water and food supplies, enforcing sanitation, disposing of refuse, encouraging vaccination, and waging a constant campaign through schools and volunteer organizations. A 1955 production.

#### COMMUNITY MENTAL HEALTH (mhfb)

*h-c-a* 30 minutes 80410 *bw: \$6.15*

Shows how a community, once it sees the need for mental health facilities, can work together to achieve a broad mental health program. In this case it has the help of a

consultant from the state's mental health department, as it successfully establishes a mental health center, the functions of which extend far beyond the diagnostic and treatment services of the traditional clinic. A 1960 production.

**CONGRESSIONAL HEARINGS: THE DRUG DEBATE (phma)**

*h-c-a* 33 minutes 83100 *bw*: \$2.15

A commentator explains that this film presents excerpts from three days of testimony on behalf of the drug industry during hearings before the Kefauver Committee of the U. S. Senate. The issues include the proper degree of control over the development, patenting, manufacture, promotion, and distribution of drugs in the United States. Some facets of procedures by Senate investigating committees are illustrated, although the scenes are closely edited to support the sponsor's point of view. A 1964 production.

**CONSERVING OUR WATER RESOURCES TODAY (cl)**

*i-j* 11 minutes 01259 *color*: \$3.80

Surveys the domestic, agricultural, and industrial uses of water in the United States, diagrams the water cycle, and shows our major sources of water. Also indicates methods for conserving surface and ground water and for reclaiming and purifying water. A 1962 production.

**CONTOURING YOUR FIGURE (edh)**

*j-h-c-a* 10 minutes 07700 *color*: \$3.60

Several teen-age girls demonstrate a variety of resistive exercises for improving the figure. The narrator explains that the weights they use — metal bars, weighted boots, and dumbbells — greatly increase the effectiveness of the exercises. Recommends specific exercises for various parts of the body. Points out the importance in an over-all figure-contouring program of balanced nutrition, relaxation, and planned exercise. Also suggests common household objects which can be substituted for the equipment shown. A 1962 production.

**CONTROL OF BODY TEMPERATURE (eb)**

*h-c* 11 minutes 24400 *bw*: \$2.35

Uses laboratory demonstrations, animated drawings, and special photography to show phenomena associated with variations of body temperature in animals and man. Indicates foods as the source of body heat and explains the roles of nerves, glands, and muscles in its control. The blood stream is depicted as

the distributor of heat, and the function of the hypothalamus is compared to that of a thermostat. A 1940 production.

**COURT FAVORITES (TENNIS) (rko)**

*j-h* 7 minutes 00504 *bw*: \$2.85

Shows high points of tennis, featuring former champions Bill Tilden, Vincent Richards, Karel Kozeluh, George Lott, and Bruce Barnes.

**CRAWL STROKE (luscog)**

*j-h-c-a* 8 minutes 00277 *bw*: \$2.15

Illustrates the basic principles of the crawl stroke — the arm movement, the kick, and breathing. Includes slow-motion shots under water. A 1943 production.

**CREATIVE LEISURE (hek for usar)**

*h-c-a* 31 minutes 80170 *bw*: \$4.35

Shows how some Americans spend their leisure in pursuit of the arts. Produced for use in overseas occupied areas. A 1951 production.

**DANCE DEMONSTRATION (pma)**

*j-h-c-a* 11 minutes 50221 *color*: \$3.30

A contemporary dance group demonstrates Harriette Ann Gray's techniques to develop flexibility, flowing movement, and elevation. Also shows ways of stimulating the imagination to develop dramatic character and to find fresh ways of moving. A 1954 production.

**DANCE FESTIVAL (brfl)**

*general* 11 minutes 01675 *bw*: \$2.15

The successful Soviet contestants at an International Dance Festival in London are featured in the dances of the Ukraine, Caucasus, Uzbekistan, and Armenia. A 1938 production.

**DANCE YOUR OWN WAY (lpf and garg; bfs)**

*p-i-c* 10 minutes 34700 *color*: \$3.80

Shows a group of boys and girls creating individual exciting dances to phonograph music played by their teacher. The children move freely and confidently, enjoying themselves and mastering the skills of dancing by actually experiencing rhythmic interpretation. They whirl and spin, skip and leap, using their whole bodies to express the feelings aroused by the music. A 1958 production.

**DANCER'S WORLD (wqed; rem)**

<i>j-h-c-a</i>	<i>31 minutes</i>	<i>80239</i>	<i>bw: \$6.65</i>
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Martha Graham discusses the dancer as a creative artist, explaining the craft simply and clearly while members of the company execute a dance to illustrate her theories. Excerpts are given from the company repertoire. A 1957 production.

**DANCES BY SUZUSHI HANAYAGI (ctt)**

<i>j-h-c-a</i>	<i>18 minutes</i>	<i>60496</i>	<i>color: \$7.05</i>
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Presents three Japanese dances performed by Suzushi Hanayagi. "Kurokami" is a classical dance in full costume. "Without Color" is a modern dance to the music of Toshiro Mayuzumi. "Vignettes" is a demonstration of the classical Japanese dance movements representing a falling leaf, a bird, snow, waves, watching the moon, and the moon rising.

**DAREDEVILS ON ICE (casf)**

<i>i-j-h-a</i>	<i>9 minutes</i>	<i>00901</i>	<i>bw: \$2.15</i>
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Shows winter sports for thrillseekers, including ice skating, ski jumping, ice boating, bobsled racing, and auto racing. A 1945 production.

**DASHES, HURDLES, AND RELAYS (eb)**

<i>j-h</i>	<i>18 minutes</i>	<i>50400</i>	<i>bw: \$4.15</i>
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Demonstrates good techniques in 100-meter, 200-meter, and 400-meter dashes in both normal and slow motion. Shows adjustments of sprinting form necessary for 200- and 400-meter dashes and three types of good form in hurdling. Demonstrates the techniques of passing the baton in long and short relays. A 1938 production.

**DEAFNESS IN CHILDREN (THE SEARCH) (cbs)**

<i>c-a</i>	<i>27 minutes</i>	<i>80056</i>	<i>bw: \$5.55</i>
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Shows the research done at Johns Hopkins University on the diagnosis and cure of deafness in children. Based on the theory that there is rarely a total loss of hearing, the research illustrates how children with hearing difficulties can still lead full and useful lives, if they receive early diagnosis and immediate treatment and training.

**THE DEDICATED (ui)**

<i>h-c-a</i>	<i>24 minutes</i>	<i>80383</i>	<i>color: N.C.</i>
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Discusses professional education for the health sciences — medicine, dentistry, pharmacy, and nursing. Takes the viewer into surgery, experimental laboratories, classrooms, and clinics. Also shows students work-

ing with doctors and patients in the University of Illinois research hospitals. A 1959 production.

**DEMOCRACY OF BASEBALL (anl)**

<i>j-h</i>	<i>19 minutes</i>	<i>51286</i>	<i>bw: \$2.15</i>
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Presents a history of baseball, featuring some of the past and recent stars of professional baseball including Connie Mack, John McGraw, Babe Ruth, Ty Cobb, and Tris Speaker. Production date, approximately 1952.

**DENTAL HEALTH: HOW AND WHY (c)**

<i>i-j</i>	<i>10 minutes</i>	<i>01705</i>	<i>bw: \$2.35</i>
		<i>00136</i>	<i>color: \$3.80</i>

First shows a nurse lecturing on the care and structure of teeth, using charts to explain the latter. Proper brushing is demonstrated with a large model. At home Jerry realizes the value of proper diet and regular care of the teeth. Good and poor diets are compared at the school lunch period, with the effects of sweets on tooth enamel shown by a diagram. The following day Jerry's sister gets a sodium fluoride treatment to lessen tooth decay. A 1949 production.

**DIGESTION, PART 1 (gbf, edited by uw)**

<i>j-h-c</i>	<i>18 minutes</i>	<i>51301</i>	<i>bw: \$4.05</i>
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Presents a study of the mechanical and muscular processes involved in the digestion of food. Shows mastication and passage of food through the alimentary canal, including analysis of peristalsis and segmentation. Describes in detail the absorption of digested food, water, and salts into the blood.

**DIGESTION, PART 2 (gbf, edited by uw)**

<i>j-h-c</i>	<i>19 minutes</i>	<i>51307</i>	<i>bw: \$4.05</i>
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Shows chemical changes involved in the digestion of carbohydrates, proteins, and fats. Explains the secretion and action of saliva; of gastric, pancreatic, and intestinal juices; and of bile on each type of food. Traces the routes of blood and lymph to show how digested foods are distributed to be used or stored.

**DIGESTION IN OUR BODIES (c)**

<i>i-j</i>	<i>11 minutes</i>	<i>01157</i>	<i>color: \$3.80</i>
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Uses animation and X-ray photography to explain the digestive process, showing the body's digestive organs, the chemical breakdown of food, and the rates of the digestive process. Indicates that digestion takes place in the mouth, esophagus, small intestine, and

large intestine; highlights the specific role each organ plays. Points out that complete digestion may require 24 hours, and that good eating and diet habits can help the body change foods into energy for work, play, and growth. A 1961 production.

#### **DIGESTION OF FOODS (eb)**

*j-h-c 10 minutes 04900 bw: \$2.35*

Presents the digestive process, including the work performed in the mouth, stomach, and small intestine. Illustrates mechanical aspects such as mastication, swallowing, stomach contractions, intestinal segmentation, and intestinal peristalsis; and depicts chemical reactions to various digestive juices, including the production of saliva and action of ptyalin on starch, the production of gastric juice and action of pepsin on albumin, the production of pancreatic juice and action of lipase on fats, and the absorption of digestive products into the blood.

#### **DISCOVERY OF ANESTHESIA (YOU ARE THERE) (cbs)**

*j-h-c 27 minutes 80094 bw: \$5.35*

Reconstructs events of October 16, 1846, when Dr. William Morton's new pain-suppressor (ether) is used successfully in a surgical operation in Boston.

#### **THE DISCUS (uw)**

*j-h-c 10 minutes 01061 bw: \$2.25*

Demonstrates the throwing of the discus, including the principles of centrifugal force, the development of muscles for the side arm throw, proper grips, the finger roll, heel-of-the-thumb pressure, finger exercises, the clockwise spin, the hip snap, and the reverse and non-reverse styles. Shows techniques for both light and heavy men. A 1947 production.

#### **DISCUS (TRACK AND FIELD INSTRUCTION SERIES) (rf)**

*j-h-c 13 minutes 50980 bw: \$2.85*

Shows the principles of the discus throw. The technique is shown through the analysis of championship-type throws. Uses slow-motion photography to show the essential points of form. Pictures an inexperienced candidate being put through the drills needed to acquire good form.

#### **DISTANCE RACES (eb)**

*j-h 8 minutes 17900 bw: \$2.15*

Utilizes slow-motion photography for a de-

tailed study of form and style in the 800-meter, 1500-meter, and 5000-meter races, and the 3000-meter steeplechase. Contrasts the style of the distance runner with that of the dash man. Emphasizes correct techniques in the start, the stride, foot and leg action, body motion, body inclination, and the finishing spurt. A 1938 production.

#### **DIVING FUNDAMENTALS (of)**

*j-h-c-a 11 minutes 00469 bw: \$2.15  
00972 color: \$2.40*

Gives a brief history of the sport of diving and then demonstrates and explains the various fundamentals, using regular and stop-motion photography. The instructor shown is Fred Cady, who has coached American Olympic teams. A 1946 production.

#### **DR. PINEL UNCHAINS THE INSANE (YOU ARE THERE) (cbs)**

*j-h-c-a 27 minutes 80096 bw: \$5.35*

In 1793, Dr. Philippe Pinel fights for humane treatment of the mentally ill, heretofore treated as incurable criminals. His success in a Paris hospital for the insane is a milestone in medical annals.

#### **DOLPHIN KICK (jor; c)**

*i-j-h 8 minutes 00380 bw: \$2.15*

Shows scenes of a dolphin swimming and points out the similarity of its movements to those of a human who uses the dolphin kick while swimming. Uses slow-motion photography to illustrate breathing procedures and to demonstrate correct movement. Stresses the importance of practice. A 1956 production.

#### **DON'T GET ANGRY (eb)**

*i-j-a 11 minutes 01749 color: \$3.80*

Shows the causes and effects of anger as exemplified in the case of two children. Uses animation to show the effects of anger on the body, and compares an angry child with a kettle that must release its steam. Lists some ways in which anger can be dissipated, and asks the audience what they would have done in the two cases. A 1953 production.

#### **DOUBLE IN BLUEFINS (lwp for pnw; ctf)**

*h-a 14 minutes 51321 color: \$2.15*

Shows a sport fishing craft off the Newfoundland coast as two fishermen simultaneously hook big fish. Pictures the prolonged duel between the men and the tuna.

**DRUG ADDICTION (eb)**

<i>j-h-a</i>	<i>22 minutes</i>	<i>51327</i>	<i>bw: \$4.55</i>
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Dramatizes the story of how a young man was introduced to narcotics and how he was influenced by them. Animation shows the origin of marijuana, heroin, and cocaine, and their effects on the body. Illustrates the recruiting of addicts, who eventually become peddlers, and recommends that anyone approached by a peddler should report to the police immediately. Emphasizes that rehabilitation of former addicts is a community problem. A 1951 production.

**DRUNK DRIVING (mgm)**

<i>h-c-a</i>	<i>22 minutes</i>	<i>51328</i>	<i>bw: \$4.55</i>
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Recounts the circumstances which led to a tragic accident involving the death of several persons and the ruining of a young man's career, all because of a drunken driver. A 1941 production. *Restricted to classroom use.*

**DYNAMIC POSTURE (aacc)**

<i>h-c-a</i>	<i>40 minutes</i>	<i>93500</i>	<i>color: \$8.15</i>
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Shows the dynamic postures of the body in motion and points out the direct relation of posture to comfort, mechanical efficiency, and physiological functioning. Although prepared primarily for orthopedic physicians, nurses, physical therapists, and physical education teachers, this film is also suitable for persons in related fields, as well as for students. A 1957 production.

**EARS: THEIR STRUCTURE AND CARE (c)**

<i>j-h</i>	<i>11 minutes</i>	<i>01275</i>	<i>color: \$3.80</i>
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Uses animation and anatomical models to illustrate the structure of the ear. Describes in detail the role of each part of the ear in the hearing process and the role of the semi-circular canals as organs of balance. Discusses proper care of the ears, some common ear ailments, and their treatment. A 1963 production.

**ECOLOGY, NO. 3 — ENERGY RELATIONS****(aibs; mcgh)**

<i>h</i>	<i>27 minutes</i>	<i>80622</i>	<i>color: \$7.65</i>
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Explains transfer and loss of biomass and energy from primary producers to herbivores and one or more levels of carnivores. Illustrates food chains and food webs. Introduces the trophic level concept, and explains productivity. A 1962 production.

**EDUCATION IN SPORTS (ui)**

<i>h-c</i>	<i>17 minutes</i>	<i>61300</i>	<i>bw: N.C.</i>
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Points out that men students enrolling in

physical education classes at the University of Illinois may choose from thirty-two different courses in six major areas: therapeutic, aquatic, athletic and acrobatic, combative, team, and recreational sports. Then shows representative activities in each area. A 1958 production.

**ELIMINATION (uw)**

<i>h-c</i>	<i>12 minutes</i>	<i>51369</i>	<i>bw: \$2.55</i>
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Uses animated diagrams to explain the four routes by which waste materials are eliminated from the human body — the skin, the kidneys, the lungs, and the colon.

**EMOTIONAL HEALTH (mcgh)**

<i>h-c</i>	<i>20 minutes</i>	<i>67000</i>	<i>bw: \$4.55</i>
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Shows an emotionally upset college student having interviews with a physician and then with a psychiatrist, who uncovers his fears and helps him become emotionally adjusted. Uses occasional flashbacks to the boy's childhood. A 1947 production.

**ENDOCRINE GLANDS (eb)**

<i>h-c</i>	<i>10 minutes</i>	<i>17800</i>	<i>bw: \$2.35</i>
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Demonstrates the vital importance of various glands of internal secretion. Experiments and diagrams illustrate how the pituitary gland exercises control over other glands and over growth, how parathyroid glands partially control calcium in the blood, and how insulin from the pancreas controls the metabolism of sugar. Also describes how the thyroids affect respiration, and how hormones stimulate the growth of the mammary glands. A 1939 production.

**ENDOCRINE GLANDS: HOW THEY AFFECT YOU (mcgh)**

<i>h-c-a</i>	<i>15 minutes</i>	<i>50250</i>	<i>bw: \$3.55</i>
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Animation shows the location of endocrine glands in the human body and explains how hormones secreted by these glands affect growth, metabolism, sexual development, and behavior. Discusses the use of animal hormones in the treatment of human diseases. A 1956 production.

**EXERCISE AND HEALTH (c)**

<i>j-h</i>	<i>10 minutes</i>	<i>01858</i>	<i>bw: \$2.35</i>
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Points out that there is much more to exercising than just building muscles. Ernie was in a rundown condition and sick too often. Jean slouched through life, was awkward and too shy. Hal was "all work and no



play," and much too irritable. Yet exercise and participation in athletics helped each of them to overcome a particular difficulty. Shows that the right kind of exercise will go a long way toward making one healthier, happier, and more apt to succeed in any undertaking. A 1949 production.

#### EXPECTANT FATHER (rko)

*c-a* 17 minutes 51389 *bw*: \$3.35

Points out that at the Visiting Nurses Service of New York City, more than two hundred expectant fathers a year receive basic training in the fundamentals of baby care under expert guidance. Says that on graduation day they are fully prepared for the blessed event with assurance and confidence. A 1950 production.

#### EXPERIMENTAL PSYCHOLOGY OF VISION (silent) (cu)

*c-a* 16 minutes 00882 *bw*: \$2.65

Demonstrates various phenomena of visual perception: the motion in motion pictures, visual illusions in perception, ambiguous figures, brightness and color constancy, eye movements in reading, and the visual perception span.

#### EXPLORING THE HUMAN NERVOUS SYSTEM (chu for ncrn)

*h* 23 minutes 81019 *color*: \$5.75

Uses animation to present the anatomy and physiology of the human nervous system and live-action scenes to give an overview of neurological research activities. Designed to stimulate and reinforce interest in neurological research as a possible career. A 1963 production.

#### EXPLORING WITH X RAYS (ge)

*j-h-a* 36 minutes 90013 *bw*: \$2.15

Designed to show the layman how X rays are used and to suggest, in an entertaining manner, some of their potentialities, as of 1941. Produced with the cooperation and approval of the American College of Radiology.

#### EXPLORING YOUR GROWTH (cw)

*p-i-j* 10 minutes 01862 *color*: \$3.60

Shows the relationship of cells to growth and how food is digested and distributed to the cells. Presents microscopic and diagrammatic views of cells, including a time-lapse scene of the division of a body cell. Uses anima-

tion to illustrate the passage of food from the mouth to the stomach and intestines and the action of the digestive juices on the foods. Includes an X ray of the movements involved in swallowing, and shows how the capillaries receive the dissolved food from the villi of the intestines and transport it to the cells of the body. A 1956 production.

#### EYES: THEIR STRUCTURE AND CARE (c)

*j-h* 11 minutes 00385 *bw*: \$2.35  
00386 *color*: \$3.80

Ed's headaches, failing grades, and poor distance judgment lead to a discussion of common symptoms of eye trouble. Animation demonstrates the functioning of the eye and its structure. Shows common defects and their corrections and discusses the professions of the ophthalmologist, optometrist, and optician. A 1956 production.

#### EYES AND THEIR CARE (eb)

*j-h-c* 11 minutes 33700 *bw*: \$2.35

Examines the eye in terms of structure, functions, disorders, and hygiene. Uses animated drawings to show the various parts of the eye, and explains the physiology of sight. Illustrates such eye defects as nearsightedness, farsightedness, and astigmatism; and describes their correction with proper glasses. Calls attention to eye infections, the removal of foreign bodies from the eye, and damage by radiation. A 1941 production.

#### EYES AND VISION (eb)

*i-j* 10 minutes 00896 *color*: \$3.80

Compares the image formed in a simple camera with the image formed in a human eye. Then explains in some detail the structure and function of the human eye, as compared with the camera. Also illustrates persistence of vision and how it is utilized in motion pictures. A 1963 production.

#### TABLE OF THE PEACOCK (repr)

*j-h-c-a* 15 minutes 52256 *color*: \$5.55

Lakshmi Wana Singh, as she narrates the fable of the peacock phrase by phrase, demonstrates the stylized hand gestures and body movements common to Indian ceremonial and entertainment dances. Close-ups of her face, hands, and feet emphasize her subtle characterizations of the animals involved. The story concerns the judgment of the peacock for his vanity. The other animals humble him by contesting his singing skill against that of the nightingale. A 1950 production.

**FAIR CHANCE (ntb)***c-a 15 minutes 50680 color: \$3.55*

Points out the need for Planned Parenthood and the help available at Planned Parenthood clinics. A new father tells the story by utilizing a flashback to his own childhood, the problems faced by his family because of too many children, and the help found through Planned Parenthood. A 1959 production.

**FEDERAL GOVERNMENT: THE DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE***(ucmc; mcgh)**j-h-c-a 15 minutes 60436 bw: \$3.55*

Examines the structure and functions of the Department of Health, Education, and Welfare. Shows activities of personnel as they carry out their everyday duties. Narrated by Abraham Ribicoff, formerly Secretary of the department.

**FIGHT GAME (mot)***j-h-c-a 17 minutes 51362 bw: \$3.35*

Starts with the days when the rules of boxing were first formalized, giving glimpses of such past heroes as Gans, Nelson, Dempsey, Tunney, and Louis at the height of their greatness. Shows the use of boxing by groups working with boys to give them healthful recreation and to channel their energies away from socially destructive practices. Also discusses racketeering and other ills afflicting the sport and possible remedies. A 1949 production.

**FINANCED RECREATION: A PAY-AS-YOU-GO PLAN (aipe)***c-a 21 minutes 51062 color: \$5.65*

Discusses in some detail the types of revenue outside of taxation which can be used to support park and recreation facilities. These include entrance fees to large parks, admission fees to small areas or special performances, rental fees for exclusive use of equipment or space, user fees for non-exclusive facilities, retail sales of refreshments and merchandise, license and permit fees, and fees for special services. Points out that fees collected by a governmental unit can be used for maintenance and upkeep, or even for debt amortization, as long as the fees do not impose a hardship on the user.

**FIRST MAJOR TEST OF PENICILLIN (YOU ARE THERE) (cbs)***j-h 27 minutes 80103 bw: \$5.35*

Re-enacts the dramatic events of April 1,

1943, when a yellow-brown powder called penicillin becomes the hope of millions of sick and wounded in a world at war.

**FISHING FUN (casf)***j-h-a 8 minutes 00967 bw: \$2.15*

Shows fishing scenes, including underwater shots of bass stalking and striking a fisherman's artificial bait.

**FISHING THRILLS (casf)***j-h-a 8 minutes 42400 bw: \$2.15*

Takes the fisherman to wilderness streams where fish are bountiful and to the deeps where real game fishing is shown at its best. Shows casting and other skills needed to catch speckled trout, black bass, and muskelunge. A 1944 production.

**FLOW OF LIFE: BASIC RESEARCH IN THE MICRO-CIRCULATION (HORIZONS OF SCIENCE SERIES)***(albu for hosc and ets)**j-h-a 22 minutes 51158 color: \$2.15*

Shows research on blood circulation being done by Dr. Benjamin W. Zweifach and his associates at New York University College of Medicine. Demonstrates some of the facts they have learned and the many different aspects of circulation which they study separately and together. A 1959 production.

**FOLK SONGS AND FOLK DANCES OF PAKISTAN (sf)***j-h-c-a 18 minutes 53500 bw: \$3.95*

The dances of East Bengal in Pakistan represent the people's way of life, including the hardships and the good times. The first dance, performed by men, makes effective use of swords and scarfs and shows formation effects. Along the Punjab several women are shown performing a dance which tells the story of a princess. Also shows dances done at harvest time. All these dances are done in full costume and to authentic music.

**FOOD CYCLE AND FOOD CHAINS (c)***j-h 11 minutes 01293 bw: \$2.35*

Uses animation and regular photography to illustrate several examples of food chains, almost all of which depend ultimately on green plants. Relates these food chains to the larger concepts of the oxygen-carbon dioxide cycle and the nitrogen cycle, and to the unending pattern of life, growth, and decay known as the food cycle. A 1963 production.

**FOODS AND NUTRITION (eb)**

<i>h-c</i>	<i>11 minutes</i>	<i>14300</i>	<i>bw: \$2.35</i>
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Analyzes normal dietary requirements of carbohydrates, fats, proteins, minerals, vitamins, and water. Animated drawings depict absorption and transformation of sugars, and absorption and storage of fats. Portrays the metabolism of carbohydrates, fats, and proteins; and explains the method of determining basal metabolism rates. Laboratory experiments show results of deficiencies in minerals and vitamins. A 1940 production.

**FOOTBALL FUNDAMENTALS: BLOCKING AND TACKLING (c)**

<i>h</i>	<i>10 minutes</i>	<i>01883</i>	<i>bw: \$2.35</i>
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Shows defensive and offensive football techniques after an introduction by Tug Wilson, who stresses the importance of good blocking and tackling. Uses both normal and slow-motion photography. A 1954 production.

**FOOTBALL KICKING TECHNIQUES (aufc)**

<i>h-c</i>	<i>20 minutes</i>	<i>51399</i>	<i>bw: \$3.75</i>
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Ken Strong illustrates the fine points of punting, place kicking, and other details important to good kicking in football. Uses diagrams to point out the proper foot contacts with the ball for the various types of kicks. A 1949 production.

**FRAUD FIGHTERS (rko)**

<i>j-h-a</i>	<i>17 minutes</i>	<i>51419</i>	<i>bw: \$3.35</i>
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The mysterious death of John Martin starts the Food and Drug Administration on an investigation. The investigators first locate the manufacturer of a tonic which they suspect, and learn all they can about his activities; they then gather all available evidence to prove the law has been broken. Shows scenes of the laboratory work and experimentation carried on by the Food and Drug Administration in the effort to protect the consumer. A 1950 production.

**FROM GENERATION TO GENERATION**

(edcv for maca; mcgh)

<i>h-c-a</i>	<i>27 minutes</i>	<i>80485</i>	<i>color: \$8.90</i>
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Uses animation and live-action photography to portray the conception, development, and birth of a child. Expresses the viewpoint that this process is a natural expression of love within the family. Uses animation to show the pelvic region of the female, and explains the functions of the female reproductive organs and their role in the menstrual cycle. Through animation, the fertili-

zation of the egg cell is shown. Discusses heredity and shows the early cell division of the embryo, the embedding of the cell cluster in the wall of the uterus, the development of the fetus, and the birth of the child. Live-action photography is used to establish the feeling of love and natural expectancy that the impending birth holds for this family. A 1959 production.

**FUNCTIONS OF THE NERVOUS SYSTEM (kb)**

<i>j-h-c</i>	<i>11 minutes</i>	<i>00260</i>	<i>bw: \$2.15</i>
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Illustrates and describes the nervous system and its functions. Emphasis is placed on its regulation of all bodily functions.

**FUNDAMENTALS OF BADMINTON (aap)**

<i>j-h-c</i>	<i>12 minutes</i>	<i>26300</i>	<i>bw: \$2.35</i>
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Covers the basic fundamentals of badminton—the grip, forehand and backhand clear, singles and doubles serve, forehand and backhand drop shot, smash, drive, round the head shot, and footwork. These basic fundamentals are demonstrated by left- and right-handed players and shown in regular speed and slow motion. A 1960 production.

**FUNDAMENTALS OF CREATIVE SWIMMING, PART 1 — STROKES AND STROKING SKILLS (bonp)**

<i>j-h-c-a</i>	<i>12 minutes</i>	<i>52234</i>	<i>bw: \$2.55</i>
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Says that creative swimming is an art form that requires flawless mastery of certain skills. Analyzes and develops the water wheel, front crawl, back crawl, side stroke, and spinning top. A 1961 production.

**FUNDAMENTALS OF CREATIVE SWIMMING, PART 2 — BODY POSITIONS AND FIGURES (bonp)**

<i>j-h-c-a</i>	<i>16 minutes</i>	<i>52235</i>	<i>bw: \$3.45</i>
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Studies the principle of sculling as a method of propulsion basic to creative swimming. Body positions studied are the back layout, front layout, and side layout. Then illustrates a variety of body figures, including the tub, front tuck somersault, kip, oyster, porpoise, ballet leg, submarine, walkover, and others. A 1961 production.

**FUNDAMENTALS OF DIET (eb)**

<i>j-h</i>	<i>11 minutes</i>	<i>39700</i>	<i>bw: \$2.35</i>
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Outlines the food habits of various types of animals and the classes of food which man has learned to eat. The uses of food in the human body are shown, and experiments

with animals illustrate the results of a number of food deficiencies. Discusses the major classes of foods in an ideal diet and their special contribution to bodily welfare. A 1943 production.

#### **FUNDAMENTALS OF DIVING (uw)**

*j-h-c 11 minutes 01066 color: \$3.80*

Demonstrates the first simple practices for learning water entry and body and breath control. Shows forward dives from sitting and standing positions on the pool side, including slow-motion shots. Also pictures practice bouncing and familiarization diving from the one-meter springboard. Demonstrations are by Vicki Draves. A 1958 production.

#### **FUNDAMENTALS OF RUNNING (cfd)**

*j-h-c 15 minutes 52277 bw: \$3.25*

Mal Whitfield, twice Olympic champion, teaches two boys and two girls the elements of good running form. He demonstrates jogging, calisthenics, wind sprints, the starting crouch, the charge, and the proper finish. Slow-motion scenes show him running the 880 while the narrator points out each fundamental employed. A 1962 production.

#### **FUNDAMENTALS OF SOCCER (aap)**

*j-h-c 13 minutes 51075 color: \$5.05*

An outstanding team from UCLA demonstrates elementary and advanced skills in soccer. Before each skill is analyzed, it is shown in use in a game situation. Uses both regular and slow-motion photography. A 1964 production.

#### **FUNDAMENTALS OF SWIMMING (arc)**

*j-h-c-a 31 minutes 81188 bw: \$4.15*

Uses both surface and underwater photography to illustrate aquatic skills that all swimmers beyond the beginner stage should strive to develop.

#### **FUNDAMENTALS OF TENNIS (t; ya)**

*j-h-c-a 20 minutes 55300 bw: \$3.75*

Donald Budge demonstrates basic points of tennis. Analyzes simple forehand, backhand, and service strokes, as well as more advanced strokes; and demonstrates helpful suggestions for their proper execution. A 1952 production.

#### **FUNDAMENTALS OF TRACK AND FIELD (eb)**

*j-h 25 minutes 81189 bw: \$5.35*

Shows Bob Mathias, Olympic decathlon

champion in 1948 and 1952, in training. He demonstrates starts in running, ways to hold the shot, and techniques in broad jumping, high jumping, discus throwing, pole vaulting, and hurdling. A 1954 production.

#### **FUNDAMENTALS OF VOLLEYBALL**

*(alfi and gbpe; aap)*

*j-h-c 9 minutes 01730 bw: \$2.35*

Outstanding men players demonstrate basic fundamentals of volleyball in regular speed and slow-motion scenes. Each action is shown repeatedly from several viewpoints and in game play.

#### **FUR TRAPPER OF THE NORTH (rabr; eb)**

*i-j 10 minutes 01937 color: \$3.80*

Portrays the rugged life of the fur trapper in the northern wilds. Depicts his summer and early autumn preparations and autumn and winter trapping activities. Follows through to the coming of spring with the breakup of the ice, the end of the trapping season, and the marketing of the pelts.

#### **GEORGE WASHINGTON'S RIVER (stfi for usph)**

*j-h-c-a 28 minutes 80695 color: \$6.30*

Factors cited as contributing to the pollution of the Potomac River are Washington, D.C.'s lack of a separate storm sewer system, increasing urban population, and suburban sewage plants using streams too small to absorb their load of treated sewage. Indicates that industries and small towns, as well as large cities, must share the blame. Cites the work of Alexandria, Virginia, in treating its sewage and suggests that others should follow its example. Emphasizes that this same problem is repeated in population centers across the nation. A 1959 production.

#### **GIRL TO WOMAN (chu)**

*i-j 19 minutes 51506 color: \$6.25*

Uses animation extensively to explain for girls the facts about human growth and development taking place between childhood and adulthood. Describes the male reproductive system, as well as that of the female. Produced under medical and psychiatric supervision.

#### **GIRLS' BASKETBALL FOR BEGINNERS (pbfi; bfi)**

*j-h 18 minutes 51409 bw: \$3.95*

High-school girls in actual game situations illustrate the basic skills and rules of basketball. Includes the number and positions of the players, the rules, scoring, fouls, free

shots, kinds of passes, dribbling, and types of basket shooting. A 1950 production.

#### **GIRLS IN WHITE (rko)**

*j-h 18 minutes 51410 bw: \$3.85*

Follows Betty Burns through her nursing training by showing her classroom studies, clinical work, capping ceremony, operating room duties, special training in pediatrics, and social activities. Emphasizes the qualities, abilities, and requirements of a nurse, and stresses the glory of her profession. A 1949 production.

#### **GIRLS, LET'S LEARN SOFTBALL (hamp; uw)**

*i-j-h-c 20 minutes 50855 bw: \$4.35*

Presents the skills involved in girls' softball with emphasis on mimetic instruction, the technique of encouraging imitation for better form and greater skill. A 1959 production.

#### **GOOD GROOMING FOR GIRLS (c)**

*j-h 10 minutes 00329 color: \$3.80*

Anne spends an evening with Rosemary and learns that the secret of achieving an attractive appearance is the result of a carefully followed routine of good grooming: a well-planned wardrobe and attention to hair, nails, teeth, cleanliness, posture, proper diet, and rest. A 1956 production.

#### **GOOD GROOMING FOR GIRLS: HAIR CARE (roed; ifb)**

*j-h 14 minutes 60081 color: \$4.75*

Stresses that hair care begins with cleanliness and good health — frequent washings, daily brushing, good diet, and plenty of rest. Gives pointers on the wise choice of shampoo, and illustrates proper methods of washing, drying, and setting hair. Demonstrates how a "French twist" is achieved. Shows different face shapes and the hair style that flatters each type. A 1961 production.

#### **GOOD GROOMING FOR GIRLS: MAKE-UP (roed; ifb)**

*j-h 11 minutes 60017 color: \$3.70*

Emphasizes that good looks are the results of good health, a well balanced diet, plenty of rest, and cleanliness; and that when make-up is used it should be used only sparingly. Illustrates proper washing of the face, hiding skin blemishes, putting on powder, shaping the lips and eyebrows according to the shape of the face, and the correct techniques for using lipstick and eyebrow pencil. A 1961 production.

#### **GOOD GROOMING FOR GIRLS: POSTURE (roed; ifb)**

*j-h 9 minutes 01192 color: \$3.40*

Stresses that correct posture is imperative if a girl is to look her best. Emphasizes that a girl who stands, sits, and walks properly has good circulation and healthy nerves and muscles. Uses charts and high-school and college girls to illustrate good and bad postures. Contrasts improper and proper ways to walk, to go up stairs, to sit, and to stand. A 1961 production.

#### **GOODBYE FLY (REVISED EDITION) (isc)**

*h-c-a 12 minutes 50333 color: \$3.10*

Portrays the fly menace and outlines simple but effective methods of control on the farm and in the city, in breeding and feeding places. Describes new chemicals and treatments. A 1956 production.

#### **GREAT BALLERINA (brf)**

*h-c-a 6 minutes 01916 bw: \$2.15*

Features the great Russian ballerina, Galina Ulanova, dancing a portion of Tchaikovsky's *Swan Lake*. A 1950 production.

#### **GREY TROUT (odtp; ctfi)**

*j-h-a 14 minutes 50744 color: \$2.15*

The lakes of northern Ontario provide plenty of scenic camping sites, as well as deluxe accommodations for the ardent angler. Depicts the art of trout catching by showing the experiences of a party of fishermen camping on the shore of a lake. Describes the grey trout's distinguishing features and comments on the observance of conservation practices as well as on how to deal with full-sized cagey fighters. A 1955 production.

#### **GROWING UP (PREADOLESCENCE) (c)**

*i-j-c-a 10 minutes 00736 color: \$3.80*

Uses silhouette and animated photography to observe the complicated growth of twins, Nicky and Peggy. Discusses such factors as irregular growth, rate of growth, glands involved in growth, and the faster growth of girls than boys at a certain age. Emphasizes proper diet, relaxation, recreation, and sleep. Points out that boys will catch up with girls and continue to grow larger and heavier. A 1958 production.

#### **GUARD YOUR HEART (br)**

*h-c-a 27 minutes 81186 bw: \$5.65*

Sam Taylor, a middle-aged man, exerts him-

self and tires his heart. When he pays a visit to his doctor, the latter tells him about the structure and function of the heart and advises him to slow down. Sam eventually adjusts to his new schedule. Enumerates some causes of heart trouble such as rheumatic fever, high blood pressure, and infections. A 1951 production. A shorter school version is titled *Wonder Engine of the Body*.

#### **GYMNASTICS: FUNDAMENTALS AND TECHNIQUES, PART 1 (php)**

*h-c-a* 16 minutes 52237 *bw*: \$3.35

Opens with a printed commentary on the history and present status of gymnastic competition. Experienced gymnasts demonstrate parallel bar routines of varying degrees of difficulty and the rope climb. The long horse is used to explain the principles of vaulting. Uses slow motion to show form in tumbling. Simple stunts are then combined into progressively more difficult routines. A 1950 production.

#### **GYMNASTICS: FUNDAMENTALS AND TECHNIQUES, PART 2 (php)**

*h-c-a* 16 minutes 52238 *bw*: \$3.35

Briefly reviews the history and present status of gymnastic competition. Gymnasts with varying degrees of skill are shown warming up, performing a complex free exercise routine, and using the still and swinging rings, the side horse, and the horizontal or high bar. Slow motion is used to demonstrate some simple beginning moves as the commentator criticizes each execution. A 1950 production.

#### **GYMNASTICS: SIDE HORSE EXERCISES (su)**

*j-h* 17 minutes 52261 *bw*: \$3.15

Presents a progression of more than 100 basic, intermediate, and advanced vaults and support exercises. Some moves are shown in slow motion. Covers spotting and assisting, as well as safety precautions. A 1963 production.

#### **H — THE STORY OF A TEEN-AGE DRUG ADDICT (yal)**

*h-c-a* 22 minutes 51514 *bw*: \$4.65

Shows some of the ways in which high-school students are maneuvered into using and selling narcotics. Presented as a case history, the film dramatizes the progressive stages of addiction and the deterioration of personality. Hospitalization and removal of the drug give the boy another chance, but only as long as the interest of a social worker

helps him overcome his desire for the drug. A 1951 production.

#### **HANDBALL FUNDAMENTALS (age; bfs)**

*j-h-c* 11 minutes 01508 *color*: \$3.80

Introduces the game of handball and its rules. Uses regular, slow-motion, and stop-motion photography as two boys demonstrate the skills involved. Shows variations in number of walls used, singles and doubles games, the use of strategy, and exploitation of the opponent's weaknesses. Stresses the value of handball for enjoyment and physical fitness throughout life. A 1965 production.

#### **HEALTH: YOUR CLEANLINESS (yal)**

*i-j* 13 minutes 50052 *bw*: \$2.85

Explains that cleanliness is a protection against diseases and that it helps one feel and look well. Demonstrates desirable personal habits in the care of the skin, teeth, hair, and clothing. A 1953 production.

#### **HEALTH: YOUR CLOTHING (yal)**

*i-j* 11 minutes 01965 *bw*: \$2.35

Encourages children to observe health rules such as wearing overshoes and raincoats in rainy weather, avoiding chills when overheated, having shoes and stockings that fit correctly, and changing stockings and underwear frequently. Compares the clothes of fifty years ago with the clothes of today, and shows how modern clothing serves us more effectively. Suggests that children protect their clothing, since their clothing protects them. A 1953 production.

#### **HEALTH: YOUR FOOD (yal)**

*i-j* 18 minutes 51464 *bw*: \$3.65

Uses a combination of animation, live action, and animated puppets with a narration in rhyming verse. Explains the nature and function of food elements and good diet habits. Depicts a puppet called Nute (Nutrition) appearing one night before a young boy, Percival, who has trouble sleeping because he eats nothing but sweets. With the assistance of several puppets who represent different food elements and vitamins, Nute persuades Percival to change his diet habits to improve his health and temperament. A 1953 production.

#### **HEALTH: YOUR POSTURE (yal)**

*i-j* 12 minutes 01968 *bw*: \$2.35

Tells the story of a junior-high-school girl who is embarrassed by her bad posture.

Shows how an apparition of herself advises her of the difficulty and prompts her to take the problem to her science teacher, who invites a doctor to speak to the class. Gives suggestions for maintaining good posture, and uses diagrams and demonstrations to point out good posture positions. Portrays the girl's mirror double as being surprised and pleased at her resulting improvement in posture. A 1953 production.

**HEALTH HEROES: THE BATTLE AGAINST DISEASE (c)**

*i-j-h 11 minutes 01963 bw: \$2.35*

The contributions of five great men in the battle against disease are examined within an historical framework. Shows how Van Leeuwenhoek began the study of bacteria by improving the microscope, how Jenner developed the concept of vaccination, how Pasteur's and Koch's studies of microorganisms threw light on the causes of disease, and how Lister helped demonstrate the relationship between sanitation and the patient's health after surgery. A 1959 production.

**HEALTH IN OUR COMMUNITY (eb)**

*i-j 14 minutes 50719 color: \$5.05*

Dramatizes the work of the Department of Health — both the everyday activities required to safeguard the community and the crises which result from the outbreak of a dangerous disease. Stresses the teamwork between public health personnel and private medical people in dealing with community health problems: unsanitary living conditions, industrial hazards, accidents, contagious disease, and the danger of contaminated foods. Presents a case study of medical detective work — a fight to prevent an epidemic of typhoid fever. Urges children to observe personal health rules and keep their homes and towns clean. A 1958 production.

**HEALTHY FEET (c)**

*i-j 11 minutes 00673 bw: \$2.35*

Uses diagrams, X rays, slow-motion photography, and regular photography to present the importance of healthy feet, common foot disorders, and habits leading to healthy feet. Points out the importance of healthy feet in athletics, and shows the proper way to walk, trim toenails, and buy properly fitted shoes. Emphasizes the importance of proper foods in developing strong, healthy feet. A 1958 production.

**HEALTHY LUNGS (c)**

*i-j 10 minutes 01969 bw: \$2.35*

Jim, while waiting for his chest X ray to be developed, learns from his family doctor some essential information about his lungs. This information is presented through demonstrations, models, and animation. Jim's X ray is then compared with that of a person suffering from tuberculosis. A 1951 production.

**HEALTHY SKIN (c)**

*i-j 11 minutes 00674 bw: \$2.35*

Uses diagrams and actual photography to present the importance of the skin, its structure, common skin ailments, and the proper care of the skin. Explains how the skin protects the inner organs of the body, and shows the skin's pores, sweat glands, blood vessels, oil glands around each hair, and nerve endings. Points out that the proper care of the skin can help to prevent blackheads and pimples. Emphasizes that the proper ways to a healthy skin include adequate sunshine, exercise, sleep, food, and cleanliness. A 1958 production.

**HEALTHY TEETH — HAPPY SMILE (wex for nda; hnh)**

*j-h 21 minutes 51120 color: \$6.15*

Shows a dental examination program in a modern high school. Sally, an attractive and popular Negro girl, is dismayed to learn that she has several cavities, even though she thought her teeth were healthy. Shows in detail her follow-up appointment with her own dentist. He X-rays and fills her cavities and cleans her teeth. Animation shows how decay takes place. Sally resolves to clean her teeth correctly and frequently, to cut down on sweets, and to have her teeth checked regularly. Her efforts are rewarded by a favorable report from her next checkup. A 1964 production.

**THE HEART: HOW IT WORKS (mcgh)**

*j-h 14 minutes 51466 bw: \$2.95*

Uses animated drawings and live-action photography to present the functions of the various parts of the heart, the blood circulation cycle, the work the heart does, and the importance of not overworking it. Pictures the membrane and fluid surrounding the heart, the muscle fibers in the heart wall, and the heart's four chambers and four valves. Explains the two arterial pressures. A 1955 production.

**HEART AND CIRCULATION (eb)**

<i>j-h-c</i>	<i>10 minutes</i>	<i>04800</i>	<i>bw: \$2.35</i>
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Shows how the heart and blood vessels circulate blood throughout the body. Animated drawings depict the nature of the circulatory system and muscular and valvular heart action. Shows factors affecting the rate of heart beat, the flow of blood from a severed artery, and the effect of severing the cervical nerve. A 1937 production.

**HEART DISEASE (THE SEARCH) (cbs)**

<i>h-c-a</i>	<i>27 minutes</i>	<i>80072</i>	<i>bw: \$5.55</i>
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Shows normal healthy men being tested as they run on treadmills, get blood tests, and submit to various ways of measuring heart action. From these records, research scientists at the University of Minnesota hope to explain why one person dies of heart failure in his fifties and another in his nineties. A 1955 production.

**HEART DISEASE: ITS MAJOR CAUSES (eb)**

<i>h-c-a</i>	<i>11 minutes</i>	<i>00288</i>	<i>bw: \$2.35</i>
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Discusses some of the causes of heart disease and the characteristics of a heart that is not normal. Uses animation, X-ray photography, and photography of an actual heart to explain high blood pressure, hardening of the arteries, coronary occlusion, and rheumatic fever. Indicates some of the progress that has been made in combatting these diseases. A 1955 production.

**HEART, LUNGS, AND CIRCULATION (c)**

<i>i-j</i>	<i>10 minutes</i>	<i>01057</i>	<i>color: \$3.80</i>
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Uses diagrams, animation, and live action to show the circulation of the blood and the location and function of the various circulatory organs. Uses a demonstration arrangement in which a boy stands behind a transparent sheet; as the organs are discussed they are placed in their proper locations on the sheet. X-ray motion pictures are used to show the heart's pumping action. Stresses the value of exercise, good posture, and fresh air in maintaining good health. A 1959 production.

**HELEN KELLER IN HER STORY (nh; ldr)**

<i>j-h-c-a</i>	<i>45 minutes</i>	<i>97300</i>	<i>bw: \$6.65</i>
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Helen Keller plays herself as this film traces her career from birth to age seventy-six, showing in detail how the blind, deaf, and mute child overcame almost insuperable handicaps to become one of the world's great figures. Kathryn Cornell is narrator,

and others of Miss Keller's famous friends appear. A 1956 production.

**HEREDITY AND PRENATAL DEVELOPMENT (CHILD DEVELOPMENT SERIES) (mcgh)**

<i>c-a</i>	<i>22 minutes</i>	<i>51484</i>	<i>bw: \$4.45</i>
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Traces the development and fertilization of male and female sex cells, and follows fetal evolution until birth. Discusses how genes and chromosomes transmit hereditary factors and to what extent environment affects them. Considers the development of basic physiological actions in the newborn and the connection between physical and emotional sensitivity in very young children. A 1950 production.

**HEROISM OF CLARA BARTON (YOU ARE THERE) (cbs)**

<i>j-h-c</i>	<i>27 minutes</i>	<i>80109</i>	<i>bw: \$5.35</i>
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Reconstructs events on the Civil War battlefield at Antietam Creek as Clara Barton, a Patent Office clerk, voluntarily ministers to the wounded and dying soldiers. Shows how Miss Barton's actions influenced other women to administer aid to wounded men and how she formed the American Red Cross as a result.

**HIGH COUNTRY SAFARI (palb; cflf)**

<i>h-a</i>	<i>14 minutes</i>	<i>51486</i>	<i>color: \$2.15</i>
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Shows a hunting party going after elk in the mountainous Red Deer territory of Alberta, Canada. A fine antlered bull elk is the prize trophy.

**HIGH JUMP (c)**

<i>j-h</i>	<i>9 minutes</i>	<i>45200</i>	<i>bw: \$2.15</i>
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The side roll and belly roll are demonstrated by regular, slow-, and stop-motion photography. Eight exercises are included for the development of the muscles and special skills involved in the high jump. Shows in detail the proper approach, take-off, and turning of the body to maintain a low center of gravity. Also shows training for the high hurdles, and stresses the importance of body rhythm in the hurdles. A 1943 production.

**HIGH JUMP (TRACK AND FIELD INSTRUCTION SERIES) (rf)**

<i>j-h-c</i>	<i>13 minutes</i>	<i>50981</i>	<i>bw: \$2.85</i>
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Shows the principles and basic techniques of the high jump. Championship-type jumps are analyzed through regular and slow-motion photography. An inexperienced performer goes through the drills needed to acquire good form.



**HITTING IN BASEBALL (eb)***j-h 11 minutes 02011 bw: \$2.15*

Professional players demonstrate each essential detail of effective batting, including grip, stance, and swing. Uses slow-motion, stop-motion, and close-up photography and superimposed drawings to clarify difficult techniques. A 1947 production.

**HOLD 'EM COWBOY (of)***i-j 10 minutes 00811 bw: \$2.15*

Pictures rodeo time for the prairie cowboy. Includes cowboy clowns, calf-roping, bulldogging a steer, trick riding, and bronco-busting by girls. A 1949 production.

**HOME NURSING (eb)***h-c-a 11 minutes 31300 bw: \$2.35*

Demonstrates the proper procedures in caring for the sick in the home. Shows ways of bathing and moving the patient in bed, arranging the bed, and making the patient generally comfortable. Also describes the techniques of taking and recording temperature, pulse, and respiration rates; giving medications; and helping the patient gradually regain strength during convalescence. A 1941 production.

**HOME NURSING: FUNDAMENTALS (c)***j-h-a 14 minutes 51497 bw: \$3.05*

Illustrates various techniques and household arrangements for caring for the convalescent patient at home. Shows ways of arranging the sick room, making the bed, washing and serving the patient, caring for the thermometer, and removing soiled linens. Pictures the distribution of chores among the family members, and demonstrates some necessary precautions to prevent the spread of the illness. A 1953 production.

**HOT ICE (nfbcl)***j-h-a 9 minutes 02024 bw: \$2.15*

Shows the development of ice hockey, Canada's game, from "shinny" on the school pond to the excitement of professional matches at the Gardens, as the Maple Leafs and the Rangers clash in "the fastest game on earth." A 1947 production.

**HOUSE OF MERCY (rko)***h-c-a 14 minutes 51502 bw: \$3.35*

Presents glimpses of staff members—the doctor, anesthetist, nurse, and housekeeper

—at work in their respective roles behind the scenes in a modern hospital. Shows activities in the X-ray room, laboratory, pharmacy, emergency room, maternity ward, administrative office, halls, and sick rooms. A 1951 production.

**THE HOUSEFLY (SECOND EDITION) (eb)***i-j-h 17 minutes 50624 bw: \$3.45*

Uses magnification and microphotography to portray the habits and life history of the common housefly and the ways in which it is a menace to health. Traces its physical development from the egg through larval and pupal stages to the emergence of the young fly. Magnified views reveal its biological structure and methods of carrying and spreading disease germs. Suggests practical control methods. A 1958 production.

**HOUSEFLY AND ITS CONTROL (c)***i-j-h 11 minutes 00269 color: \$3.80*

Describes the housefly and its life cycle, and stresses the need for its control. Illustrates how the fly transmits bacteria. Uses macromicrocinematography to show the housefly laying her eggs and the development of the pupa, pupa case, and adult. Concludes by emphasizing that common methods of housefly control in cooperation with the public health department will do much to eradicate this pest. A 1962 production.

**HOW DISEASE TRAVELS (wdp for oiaa)***i-j 11 minutes 01023 color: \$2.50*

Animation is used to explain that harmful microbes are spread by water, air, insects, and personal contacts. Shows why measures must be taken to stop the spread of disease at its source and that sanitation, and sometimes even isolation, is necessary to prevent further infection. Produced in 1946 for Latin American audiences.

**HOW OUR BODIES FIGHT DISEASE (eb)***i-j 8 minutes 00293 bw: \$2.15*

Uses animation to show the body's three lines of defense against bacterial disease: the skin and mucous membranes, which prevent the entrance of bacteria into the system; the lymph nodes, which filter out and arrest the generalized spread of bacteria; and the antibodies and white corpuscles in the blood stream, which destroy bacteria. Shows how the body's production of antibodies can be stimulated by the process of immunization. A 1955 production.

**HOW THE BODY USES ENERGY (GENERAL SCIENCE SERIES) (mcgh)**

*j-h 15 minutes 60472 color: \$5.35*

Explains that energy is required to maintain all physiological processes in the body. Discusses as examples the digestive process, the distribution of oxygen to cells, the production of heat and lactic acid in a contracting muscle, and the generation of electrical impulses in the brain.

**HOW THE EYE FUNCTIONS (kb)**

*j-h-c 11 minutes 30100 bw: \$2.35*

Shows the functions of the various parts of the eye by diagrammatic drawings and explanatory notes.

**HOW THE RESPIRATORY SYSTEM FUNCTIONS (br)**

*j-h-c 10 minutes 02041 bw: \$2.15*

Shows the structure and functions of the respiratory system. Uses animation to explain the mechanism of breathing and the action of the ribs and diaphragm. Emphasizes the importance of proper posture, exercise, fresh air, and rest. A 1950 production.

**HOW TO AVOID MUSCLE STRAINS (br)**

*h-c-a 14 minutes 51517 bw: \$2.85*

Uses live models and animated drawings to illustrate the mechanics of muscular activities. Shows the analogy between the three types of levers and certain arrangements of bones and muscles in the human body. Shows the correct and incorrect ways of lifting objects, and the effects of overstrain on the vertebral column. The concluding section deals with hernias. A 1949 production.

**HOW TO BE WELL GROOMED (c)**

*j-h 10 minutes 02053 bw: \$2.35*

Don and Sue show how they keep themselves well groomed throughout the school week and for their Friday-night dates. They give attention to their health, posture, and cleanliness and learn to take good care of their clothes. Emphasizes the importance of establishing a daily routine. A 1948 production.

**HOW TO CATCH A COLD (wdp for kc)**

*general 10 minutes 02055 color: \$.50*

Humorous animated characters show how colds are spread, how a day or so in bed helps protect the entire community, and how a simple cold may actually be the first symp-

tom of a far more serious illness. A 1951 production.

**HOW YOUR BLOOD CIRCULATES (WATCH MR. WIZARD SERIES) (dohe; mla)**

*i-j 30 minutes 81435 bw: \$5.65*

Mr. Wizard presents demonstrations related to blood circulation. He uses a plastic model of a heart, a calf heart, and a living goldfish to show heart structure and blood circulation. Includes several simple experiments.

**HUMAN BODY: CIRCULATORY SYSTEM (c)**

*j-h-c 14 minutes 50332 color: \$5.05*

The entire circulatory system is analyzed by means of animation, cinefluorography, drawings, and close-ups of live organs. Includes the heart, lungs, and kidneys; the key processes of the circulatory system; and the network of arteries and veins that carry blood throughout the body. Significant terms are overprinted on the visuals for emphasis. A 1956 production.

**HUMAN BODY: EXCRETORY SYSTEM (c)**

*j-h-c 14 minutes 50932 color: \$5.05*

Uses animation, diagrams, and live-action photography to portray the functions of the kidneys in eliminating waste from the body and regulating the composition of the blood. Depicts the pituitary gland's role in controlling the functions of the kidneys. Shows the structure of the kidneys, and pictures in detail the processes of filtration and reabsorption as fundamental processes in regulating the blood's composition. Also discusses the role of the skin in removing water from the body.

**HUMAN BODY: MUSCULAR SYSTEM (c)**

*j-h-c 14 minutes 60191 color: \$5.05*

Uses photomicrography, cinefluorography, animation, and laboratory experiments to explain the structure and function of the muscular system. Shows and explains the functions of cardiac, involuntary, and voluntary muscles. Shows with demonstrations how muscles are attached to the bones and how they move the skeleton. Explains the chemical process of muscle contraction.

**HUMAN BODY: NERVOUS SYSTEM (c)**

*j-h-c 14 minutes 50637 color: \$5.05*

Uses drawings and live-action photography to show the functions of the parts of the nervous system. Shows the reflex action re-

sulting from touching a cup of hot coffee and points out on a drawing of the human body the brain, spinal cord, and nerves. Describes the function of each part of the nervous system and gives examples of problems which the nervous system handles.

#### **HUMAN BODY: NUTRITION AND METABOLISM (c)**

*j-h-c 14 minutes 60236 color: \$5.05*

Distinguishes between basal metabolism and active metabolism, and expresses the required energy as calories. Discusses the five classes of chemical substances which comprise all natural foods, and explains the basic chemistry by which they supply the body with energy and make growth and repair possible. A 1962 production.

#### **HUMAN BODY: REPRODUCTIVE SYSTEM (c)**

*j-h 15 minutes 50304 bw: \$3.15*  
*51600 color: \$5.05*

Describes and illustrates the structures of the human reproductive systems and shows the functions of the male and female reproductive organs. Explains in detail the similarities and differences between male and female systems and uses animated diagrams to illustrate and locate the parts and functions of each system. Shows in cinephotomicrography the fertilization of a human ovum and briefly describes the development of the human embryo until birth. A 1959 production.

#### **HUMAN BODY: RESPIRATORY SYSTEM (c)**

*j-h-c 14 minutes 60061 color: \$5.05*

Describes the organs of the respiratory system and locates each, using a diagram. Explains with the aid of animated diagrams and live demonstration the processes of ventilation (the pumping of blood in and out of the lungs) and diffusion (the exchange of oxygen and carbon dioxide within the lungs). Also shows the effects on the respiratory system of varying needs for oxygen and for eliminating carbon dioxide.

#### **HUMAN BODY: SENSE ORGANS (c)**

*j-h-c 18 minutes 52322 color: \$6.85*

Uses a goodnight scene after a big date to illustrate the different types of sensory receptors and how they function. Combines animation, photomicrography, live action, and anatomical drawings to indicate the vast range of stimuli which the human body is able to perceive. Then shows the complete process of sense perception. A 1965 production.

#### **HUMAN BODY: THE SKELETON (c)**

*j-h-c 10 minutes 02089 color: \$3.80*

Uses cinefluorography to view the skeletal structure in action. Stresses the complexity of the system and shows how the skeleton protects, moves, and supports the body. A 1954 production.

#### **HUMAN BRAIN (eb)**

*j-h 11 minutes 00291 bw: \$2.35*

Defines the brain and compares its development in several animals and in man. Differentiates the functions of the medulla and cerebellum, and describes the cerebrum in detail. Also illustrates the cerebral functions of perception, motor control, analysis, integration, and response to stimuli.

#### **HUMAN GROWTH (SECOND EDITION)**

**(wex for ecb)**

*j-h-c-a 19 minutes 69200 color: \$6.65*

Pictures changes which take place in the human growth cycle from fertilization of the egg through adulthood. Special emphasis is placed on body changes during adolescence. Opens with a family scene in which a boy and a girl discuss the meaning of adolescence. Then shifts to a classroom where the class sees and discusses a film on human growth. A 1962 production.

#### **HUMAN HAIR (br)**

*j-h-c 9 minutes 02090 bw: \$2.15*

Uses animation and regular photography to show the characteristics of human hair, including the growth of the hair within the follicle, its individual duration, its renewal after shedding, its relation to the sebaceous gland and its secretion, and the cause of "goose flesh."

#### **HUMAN HEART (brf)**

*h-c 9 minutes 02091 bw: \$2.15*

The mechanics and functions of the heart are described with diagrams and experiments.

#### **HUMAN MACHINE (mis)**

*j-h-c-a 16 minutes 50343 color: \$4.55*

Compares the body's parts and operations with man-made machines. Explains how the parts of the body function together as interdependent systems. Includes animation, photomicrography, and X rays. A 1955 production.

**HUMAN REPRODUCTION (1965 EDITION) (mcgh)***j-h-c-a* 20 minutes 66900 color: \$7.45

Uses animation to show the structure and function of the male and female reproductive systems and the development and birth of a child. Emphasizes the importance of and the responsibility involved in the act of human reproduction.

**HUMAN SKELETON (uw)***j-h-c* 11 minutes 02092 bw: \$2.15

Shows the axial and appendicular parts of the skeleton; and pictures movable, slightly movable, and immovable joints. Animation and X-ray photography show the working of hinge joints and ball-and-socket joints.

**HUMAN SKIN (br)***j-h-c* 11 minutes 02093 bw: \$2.35

Depicts the important functions and the anatomical structure of the human skin by use of animated drawings and photography. Explains the permanency of fingerprints. Urges care and cleanliness for the preservation of natural beauty and health of the skin. A 1946 production.

**HUMAN THROAT (br)***j-h-c* 11 minutes 02094 bw: \$2.35

Describes the throat, consisting of the pharynx and the larynx, from the anatomical and functional aspect. Depicts the movements of the rimal opening between the vocal cords during breathing and voice production, including an actual photograph of vibrating vocal cords. Demonstrates the way in which the larynx closes to permit the passage of food in swallowing.

**THE HURDLES (uw)***j-h-c* 10 minutes 01060 bw: \$2.25

Demonstrates basic hurdling styles, rear hip and leg action, rhythmic running, calisthenics, body balance, correct clearance, circular stepover action, and the adaptation of styles to varying physiques. Uses some slow-motion and stop-motion photography. A 1947 production.

**THE HURDLES (TRACK AND FIELD INSTRUCTION SERIES) (rf)***j-h-c* 13 minutes 50982 bw: \$2.85

Shows the principles and basic techniques of the hurdles. Championship-type jumps are analyzed through regular and slow-motion

photography. An inexperienced performer goes through the drills needed to acquire good form.

**I AM AN ALCOHOLIC (rko)***h-c-a* 18 minutes 51454 bw: \$3.85

Shows the work of Alcoholics Anonymous in rehabilitating alcoholics, and re-enacts the beginning and the development of the organization. A 1948 production.

**ICE CAPERS (of)***general* 10 minutes 00467 bw: \$2.15

Irving Jaffe, a world's champion ice skater, demonstrates his style and speed. The narrator then discusses, while Jaffe demonstrates, the following points: how ice-skate shoes should fit, how to conquer fear the first time one is on skates, how to maintain good balance, how to break a fall, how to get up, ways of stopping, turns, couple skating, and figure skating. Comic interludes are provided by a skater who has much enthusiasm and enjoys showing off, but makes many mistakes. A 1948 production.

**IMMUNIZATION (SECOND EDITION) (eb)***j-h* 11 minutes 01950 bw: \$2.35

Explains what immunization is and how immunity to infectious diseases is attained. Points out that immunity to some diseases is effected through actual illness, and demonstrates that vaccine also builds up resistance to an infection. Shows the preparation and use of vaccine for smallpox, pneumonia, and diphtheria. A 1955 production.

**IMPROVING AMERICA'S HEALTH (c)***j-h* 11 minutes 01081 bw: \$2.35

Contrasts the health problems in the United States in 1900 with those in the 1950's and points out how the resulting improvements have been achieved. Death rates due to measles, cancer, heart disease, and tuberculosis in 1900 and the 1950's are compared through the use of charts. Among the reasons pointed out for the gains are control of communicable diseases and improved sanitation. Stresses the present need for more medical research and hospitals. A 1959 production.

**IMPROVING YOUR POSTURE (c)***j-h* 10 minutes 01966 bw: \$2.35

Explains what good body posture is, and a man and a woman demonstrate exercises for improving muscle tone. Also describes and illustrates the value of good shoulder posi-

tion and a well arched foot. A 1949 production.

#### IN THE ROUGH (path)

*h-a 10 minutes 00961 color: \$2.15*

Champion golfer Johnny Farrell explains that golf has no age limit. He goes on to explain and demonstrate several good golfing tips. A 1931 production.

#### INDIAN DANCES (eb)

*general 10 minutes 01972 color: \$3.80*

Illustrates four of the rhythm patterns used by the Indian to express his relationships with nature — and in turn reveal his power as a close observer of nature. Shows the actual patterns of the prairie grouse courting and the eagle in flight. Dances by Tom Two Arrows then show the Indian abstraction of these patterns. Similarly, the buffalo and deer dances are seen in juxtaposition with their sources in nature. A 1952 production.

#### INDIAN LIFE IN THE SOUTHWEST (haf)

*i-j-h 11 minutes 01974 bw: \$2.15*

Presents some ceremonial dances of the Indians of the Southwest, including the Horse Tail Dance, Pony Dance, Hoop Dance, Buffalo Dance, and Eagle Dance.

#### INFECTIOUS DISEASES AND MAN-MADE DEFENSES (c)

*j-h 11 minutes 01137 color: \$3.80*

Surveys the production of a variety of synthetic drugs and their employment to combat infectious diseases. Traces the historical development of these drugs, beginning with Pasteur's discovery of pathogenic microorganisms. Further research led to the development of a number of defenses beyond those normally developed by the body. Reviews the uses and production of several antitoxins, vaccines, antibiotics, and synthetic drugs and compares the means of producing active immunity in humans. A 1960 production.

#### INFECTIOUS DISEASES AND NATURAL BODY DEFENSES (c)

*j-h 11 minutes 01982 color: \$3.80*

Photomicrography, laboratory demonstrations, and animation illustrate the two groups of natural defenses which guard the body against disease. Outer body defenses are shown to include the skin, passages of the nose and throat, and stomach acids. Among the inner body defenses considered are the

lymph glands, the chemical antibodies, the spleen and liver, and white blood cells, which are shown ingesting and destroying bacteria. A 1961 production.

#### INFIELD PLAY AT FIRST AND THIRD (anl)

*h-c-a 18 minutes 51477 bw: \$3.15*

Professional baseball players Gil Hodges, George Kell, Bob Elliott, and Ferris Fain demonstrate defensive play at first and third base. Uses both regular and slow-motion photography. A 1950 production.

#### INTERMEDIATE TUMBLING (c)

*j-h-c 10 minutes 01997 bw: \$2.35*

Includes twenty stunts in handspring, balance, and somersault progressions. Shows companion stunts and safety spotting, with emphasis on the prevention of accidents. A 1945 production.

#### INTRODUCTION TO DANCE (asfs)

*j-h-c-a 16 minutes 51072 color: \$5.35*

Demonstrates that all dance steps are created from the basic locomotor steps and combinations which become the traditional steps. Illustrates how these basic steps were used to create the modern social dances. Traces the use of basic steps in dances of India, New Guinea, Ethiopia, South Africa, Madagascar, and the Philippine Islands. Concludes with a short review and an attempt to inspire new interest in studying dance. Creator and narrator of the film is Lola Sadlo.

#### INTRODUCTION TO FIELD ARCHERY (haf)

*j-h-c-a 10 minutes 01068 color: \$3.60*

A family of four are introduced to field archery. Shows how they learn the game and become enthusiastic followers of the sport. A 1958 production.

#### INTRODUCTION TO THE ART OF FIGURE SKATING (infbc)

*j-h-c-a 11 minutes 00734 bw: \$2.15*

Barbara Ann Scott demonstrates the fundamentals of figure skating. Discusses types of skates and basic figures, and analyzes a few more complex turns. The skater also demonstrates free skating. A 1949 production.

#### JOHNNY'S NEW WORLD (inspb)

*c-a 17 minutes 51544 color: \$2.15*

The story of one boy outlines common eye troubles among children, and details cor-

rective steps which can be taken by parents and teachers. Animated sequences show how the eye works, grows, and changes. A 1954 production.

#### **KEEPERS OF THE LAMP (tai)**

*h-c-a* 22 minutes 51549 *bw*: \$3.15

Discusses why girls choose nursing as a career. Shows four nursing students both during their nursing school days and engaged in the field each chooses—general duty, surgical nursing, public health, and military service. A 1952 production.

#### **KEEPING CLEAN AND NEAT (eb)**

*i-j* 11 minutes 02111 *bw*: \$2.35

When two eighth-grade students visit a lower grade classroom to choose helpers for their assembly program, the younger children begin to realize the value of making a good appearance. Through trick photography, two of the youngsters are whisked back to their homes to retrace—and improve—their routine for keeping clean and neat. Taking the boy and girl separately, the film illustrates a practical, step-by-step routine for washing, dressing, grooming, and caring for their clothes. A 1956 production.

#### **KIDNEYS, URETERS, AND BLADDER (br)**

*h-c* 11 minutes 02115 *bw*: \$2.15

Uses models and animated diagrams to show the structure and functions of the kidneys, ureters, and bladder. A 1947 production.

#### **KILLERS OF THE SEA (rfp)**

*j-h-a* 28 minutes 80343 *bw*: \$4.15

Shows actual battles with man-eating monsters of the sea. Captain Casewell, armed only with a knife, dives overboard after his prey. Actions are described by Lowell Thomas. A 1937 production.

#### **KNIFECRAFT (bsa)**

*j-h* 11 minutes 00281 *bw*: \$2.15

Ben Hunt illustrates the proper care and handling of the pocket knife as he prepares for and whittles a katcina doll lamp. Includes the painting of the Indian designs to finish the lamp. A 1950 production.

#### **KNOW YOUR FOODS (aif)**

*i-j* 8 minutes 32300 *bw*: \$2.15

Stresses the part food plays in body development. Explains the importance of calories,

proteins, and vitamins for growth and how to obtain them in foods. A 1952 production.

#### **KNOW YOUR PARKS (klj)**

*h-c-a* 11 minutes 01350 *color*: \$3.80

Shows the business district of Urbana, Illinois, and the campus of the University of Illinois. Then shows Urbana's city parks and points out the need for more and better parks in all cities. Indicates the steps to be taken in acquiring good recreational facilities.

#### **LABOR AND CHILDBIRTH (ma)**

*c-a* 17 minutes 50071 *bw*: \$3.85

Diagrams show the main muscles involved in labor. Explains the three stages of labor, emphasizing when to go to the hospital, what to expect there, and the need for confidence and relaxation. The birth of the baby is shown by diagrams. Pictures the labor room, delivery room, and nursery of the hospital. A 1950 production.

#### **LAND OF THE PINK SNOW (fron)**

*general* 24 minutes 85500 *color*: \$7.75

Two men and two boys are shown on a fishing trip to a remote lake in the Beartooth Mountains of Montana. First they fly over the area to find a lake fitting the description given them by a Crow Indian. Then they pack mules for the two-week trip and begin the strenuous climb. They recognize a glacier near the lake because the snow turns pink when algae in it are disturbed by men walking on it. The glacier also contains well preserved layers of grasshoppers from an ancient plague. The crystal-clear lake proves to be filled with large trout, and the group catch their fill. They also observe much wildlife and many geological formations. A 1961 production.

#### **LARYNX AND VOICE (FUNCTION OF THE NORMAL LARYNX) (nwu)**

*h-c-a* 20 minutes 50456 *color and bw*: \$5.65

Uses high-speed photography to show how the larynx and vocal cords function. Points out the differences in the larynx of males and females. Also shows the variations in movements of the vocal cords which produce high-, medium-, and low-pitch tones.

#### **LEADERS FOR LEISURE (ai)**

*h-c-a* 20 minutes 50635 *color*: \$5.95

Stresses the importance of and need for professionally trained leaders to insure the suc-

cess of a community recreation program. It dispels the idea that a community can make a recreation program work by merely providing facilities. Shows dramatically why leadership is the key to success, how to choose recreation leaders, and how to utilize them to build an effective program. A 1948 production.

#### **LEARNING ABOUT OUR BODIES (c)**

*i-j 11 minutes 02138 bw: \$2.35*

Uses animated diagrams, cinefluorography, and actual demonstrations with the human body, by an instructor, to explain to a boy of elementary school age the body's structure and the functions of major internal organs. Shows the movements of bone and muscle about hinge, ball and socket, and sliding joints, and the motions of the diaphragm and the heart.

#### **LEARNING ABOUT YOUR NOSE (eb)**

*i-j 9 minutes 02140 color: \$3.20*

Uses animated drawings, cinephotomicrography, and regular photography to show the various components of the nasal passages and their functions in cooling, heating, cleaning, and moistening the air that is breathed. Explains that the best way to allow the nose to function properly is to avoid chills, to have proper sleeping habits, and to follow the doctor's advice. A 1956 production.

#### **LET'S DANCE (byu; c)**

*j-h-c 12 minutes 50757 color: \$4.40*

Shows the fundamentals of ballroom dancing. Starts with the proper manner of walking and standing; then demonstrates how to hold one's partner, the seven basic dancing positions, how to lead and follow, the pattern of a typical dance step, and proper etiquette on the dance floor. A 1959 production.

#### **LET'S SQUARE DANCE, NO. 1: TAKE A LITTLE PEEK (iu)**

*j-h-c-a 10 minutes 02165 color: \$3.40*

Teaches the square dance figure "Take a Little Peek," with synchronous music and action. Presents live and animated demonstrations of the dance at regular speed and in slow motion, and explains the positions of partners, how to honor corners and partners, and how the steps are performed to facilitate the continuity of the dance. Pictures groups dancing the figure to regular square dance music in a natural situation. A 1954 production.

#### **LET'S SQUARE DANCE, NO. 2: SPLIT THE RING (iu)**

*j-h-c-a 10 minutes 00220 color: \$3.40*

Shows by live and animated photography the square dance figure "Split the Ring," and illustrates and explains background terms and movements relative to this figure. Uses normal speed and slow-motion photography as three squares of dancers demonstrate the various movements involved. A 1954 production.

#### **LIFE STORY (ap for acs)**

*h-c-a 15 minutes 51593 color: \$2.15*

Harry E. Leonard, labor union representative in Minneapolis, recounts his own experience with cancer. He tells how a visit to a cancer detection clinic revealed that although he showed no symptoms, he had an abnormal condition in the rectum and lower colon. The polyp, when removed by surgery, proved to be cancerous, but Mr. Leonard has had no recurrence in more than ten years. A specialist at the University of Minnesota explains in some detail the use of a proctoscope to examine the rectum and colon, and animated and actual views show normal and abnormal conditions. Points out the value of early detection of cancer and urges regular checkups and further study of cancer and its control. A 1961 production.

#### **LIVING WATER, PART 2: MAN'S PROBLEM (con with nyz; eb)**

*j-h 19 minutes 51618 color: \$6.85*

Shows how man has short-sightedly interfered with nature's water cycle. Reveals how he uses water in incredible amounts, and shows the results of improper usage in Los Angeles. Explains the causes of floods, relates water problems to soil erosion, and suggests ways of preventing the latter. Shows how sewage and manufacturing plants pollute water, and describes methods of purification. A 1953 production.

#### **LOU GEHRIG'S GREATEST DAY (YOU ARE THERE) (cbs)**

*j-h-c-a 27 minutes 80114 bw: \$5.35*

Although Lou Gehrig himself had created some memorable experiences in his time as a great baseball player, it was the public who gave him his greatest thrill with their day of appreciation to this man who was to leave the job he loved best because of an incurable illness. Reconstructs the events at Yankee Stadium on July 4, 1939.

**LOUIS PASTEUR — MAN OF SCIENCE (cifr)**

j-h-c	28 minutes	87400	bw: \$5.65
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Shows Louis Pasteur's work to overcome an epidemic among silkworms, streptococcus infections, sheep anthrax, and chicken cholera. Pictures his experiments in pasteurization and his efforts to develop a vaccine against rabies. A 1951 production.

**LOUIS PASTEUR, THE BENEFACTOR (pf)**

j-h-c	16 minutes	50681	bw: \$3.45
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Pictures the life of the French scientist Louis Pasteur, including his struggle against the prejudices of the French Academy of Medicine, the famous experiment with rabies in which he gave the first injection to a boy bitten by a mad dog, a resume of his scientific accomplishments, and the eventual worldwide recognition of his benefactions to mankind.

**MAGIC ALPHABET (mgm)**

j-h-a	11 minutes	02208	bw: \$2.35
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Tells the story of a cure for beriberi by Dr. Christian Eijkman's discovery of Vitamin B<sub>1</sub>. Reviews the discovery of other vitamins and their purposes. Stresses the importance of sufficient vitamin intake to maintain good health. A 1946 production. *Restricted to classroom use.*

**MAKE WAY FOR YOUTH (nswa)**

j-h-c-a	19 minutes	67700	bw: \$3.35
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A community doctor tells the story of how the accidental death of a high-school boy during a street brawl inspired the boy's father to launch a campaign for improved recreational facilities. Members of the newly organized Youth Council renovate a city-owned warehouse for their headquarters and later plant trees where the city dump was located. Adults are also shown becoming interested in each other's problems. Narrated by Melvin Douglas. A 1947 production.

**MAKING THE MOST OF YOUR FACE (c)**

j-h	11 minutes	00753	color: \$3.80
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Demonstrates how good health habits, proper hair styles, and make-up correctly applied can improve a girl's appearance. Presents a high-school home economics teacher as she shows which hair styles and types of make-up complement a round, long, or thin face. Stresses that the basic elements of good grooming are plenty of sleep, proper diet, and thorough skin cleansing. A 1958 production.

**MAN AGAINST MICROBE (mli)**

j-h-c-a	11 minutes	02247	bw: \$2.15
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Dramatizes important discoveries in the fight against communicable diseases, including the work of Van Leeuwenhoek, Pasteur, Lister, Koch, and Behring. A 1932 production.

**MAN ALIVE (upa for acs)**

a	11 minutes	02248	color: \$2.15
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An animated film designed to interest the layman in, and develop a realistic attitude toward, cancer. Deals with the psychology of fear of cancer. Suggests steps to take for early detection, which increases the possibility of successful treatment. A 1952 production.

**MATT MANN'S SWIMMING TECHNIQUES FOR BOYS (c)**

i-j-h	18 minutes	60200	bw: \$4.25
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Shows Matt Mann's techniques for teaching a group of boys the crawl, back stroke, breast stroke, and butterfly stroke. Each is illustrated separately from the beginning land drills to the complete stroke. Includes some slow-motion photography. A 1943 production.

**MATT MANN'S SWIMMING TECHNIQUES FOR GIRLS (c)**

i-j-h	11 minutes	02286	bw: \$2.35
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Matt Mann, swimming coach, applies his teaching principles with a group of girls. The crawl, breast stroke, back stroke, and butterfly stroke are demonstrated in both regular and slow-motion photography. A 1943 production.

**MEDICINE — AVIATION MEDICINE (THE SEARCH) (cbs)**

h-c-a	25 minutes	80075	bw: \$5.55
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Points out that with man flying into outer space and new problems of human endurance developing with respect to high altitudes and great speeds, there is a need for experiments to determine the limits that the human body can stand. The tests run by the USAF School of Aviation Medicine reveal these limits. A 1955 production.

**MICROBIOLOGY, NO. 8 — VIRUS (aibs; mcgh)**

h-c	30 minutes	80542	color: \$8.30
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Explains the importance of viruses to man, reviews the discovery of viruses, and summarizes work being done in this field. Traces



the history of virology from Jenner's contribution (cowpox vaccination for smallpox prevention) through Ivanowski and Biejerinck to the crystallization of tobacco mosaic virus by Stanley. Points out the difficulty of virus culture and shows a typical day's experimentation in a microbiology laboratory. Diagrams the structure of bacterial virus, the bacteriophage, and pictures its action through electron photomicrographs. Shows how a bacterial virus is especially suited for study because of its rapid rate of growth and the ease with which it can be observed. Summarizes our present findings about the virus and hints of its contributions to experiments of the future. A 1960 production.

**MICROBIOLOGY, NO. 10 — THE GERM THEORY OF DISEASE (aibs; mcgh)**

*h-c 28 minutes 80544 color: \$8.30*

Discusses the history of theories about disease from the ancient spirit and demon age through Hippocrates, Jenner, Koch, and Pasteur. Reviews Hippocrates' humoral theory. Points out the causes of diseases as environmental, genetic, or parasitic. Outlines Koch's postulates and describes the relationship of the germ theory to biogenesis. Explains Redi's classic experiment in the 1600's which disproved the theory of spontaneous generation. Depicts Tyndall's experiment which showed that suspended matter (cysts and spores of microorganisms) exist in the air. Summarizes the variables in method of transfer and incubation periods of contagious diseases. Points out today's emphasis on the importance of an ever-changing host in this germ theory of disease.

**MICROORGANISMS THAT CAUSE DISEASE (c)**

*j-h 11 minutes 00818 color: \$3.80*

Uses animation, cinephotomicrography, and live-action photography to show the effects of disease-causing organisms on living cells. Individually treats each type of microorganism: fungi, bacteria, viruses, rickettsia, and protozoa. Shows examples of cell destruction by fungi causing athlete's foot, red blood cell destruction by bacteria toxin, nerve cell destruction by polio virus, and action on red blood cells by malaria protozoa. Rickettsia is depicted as it is transmitted by bites of animals such as ticks. A 1960 production.

**MIDDLE DISTANCES (uw)**

*j-h-c 11 minutes 00603 bw: \$2.15*

Demonstrates the 440-yard and 880-yard sprint techniques, including ball-of-the-foot running, the automatic stride, the pendulum stride, the bicycle stride, training exercises,

counter-balanced arm action, the push drive, jockeying for position, the standard sprint start, and the one-arm crouch start. Uses some stop-motion and slow-motion photography. A 1947 production.

**MIRACLE FROM MOLD — THE STORY OF TERRAMYCIN (sf)**

*h-c-a 9 minutes 02331 bw: \$2.15*

Explains the growth of terramycin and its testing by the inoculation of chicken eggs containing a virus. Shows large-scale production methods, and describes the forms in which terramycin may be taken. Lists many of its uses. Concludes with mention of other modern wonder drugs. A 1952 production.

**MIRACLE OF REPRODUCTION (sd)**

*i-j-h 17 minutes 51708 bw: \$3.45*

Shows, with diagrams, animated drawings, and photography, the reproductive process in plants, fish, animals, and man. Explains the necessity for the union of the egg and sperm cells, and illustrates methods of accomplishing the union. Shows fish and chicks hatching, the position of a calf fetus, and several stages of development of the human fetus. Associates aspects of love and courtship with parenthood, and uses proper technical terms in dealing with the subject. A 1953 production.

**MOBILIZATION OF THE HUMAN BODY (bil; asf)**

*c-a 14 minutes 51716 bw: \$2.95*

Demonstrates therapy and follow-up exercises in order to stretch the tight ligaments and relieve pain in five different parts of the body — neck, shoulders, upper back, hips, and legs. Based on the book of the same title by Harvey E. Billig and Evelyn Loewandahl. A 1950 production.

**MODERN DANCE (uuh)**

*j-h 15 minutes 51717 bw: \$2.65*

A high-school dance class demonstrates dance composition and technique. The girls compose a dance of their own.

**MODERN DANCE: THE ABC OF COMPOSITION (hls and mbf; bfs)**

*j-h-c-a 13 minutes 51016 color: \$4.95*

Presents six groups of fragmentary dance studies which are first stated as composition problems. Working within the arbitrary limitations of compositional devices, the composers concentrate their creative efforts on specific aspects which are preparatory to dance composition. Closes with a dance

composition evolved from musical imagery in the romantic vein. The demonstrations are by men and women students in modern dance classes at San Jose State College. A 1964 production.

#### **MODERN DANCE COMPOSITION (th)**

*h-c-a* 12 minutes 50930 bw: \$2.45

Shows some of the techniques necessary for preparing the whole body for dance movement. Analyzes the elements of dance composition, and shows how students can develop dances of their own, once they have an idea in mind. A 1959 production.

#### **MODERN DANCE TECHNIQUE IN SEQUENTIAL FORM (hls and mbf; bfs)**

*j-h-c-a* 12 minutes 60257 color: \$4.00

Demonstrates basic expressive dance movements, showing how they are related and how they lend themselves to numerous variations. Stresses that technique is developed from natural body movements, and that stylizing and combining movements with skill, adding imaginative deviations, and giving meaning to the studies by expressing personal feelings can achieve a result that is artistic and dramatic. A 1962 production.

#### **MOLLY GROWS UP (ma)**

*j-h* 16 minutes 50066 bw: \$3.45

Portrays some helpful experiences in the home and school that enable a young girl to develop good health habits and a constructive attitude toward menstruation. Treats menstruation as a part of the growing-up process, and gives a biological explanation. Discusses age of initial menstruation, regularity of periods, and need for cleanliness and attractiveness during menstrual periods; and specifies rules to follow. Stresses the importance of wholesome family relationships, especially at the onset of menstruation. A 1954 production.

#### **MONKEY ON THE BACK (nfbc)**

*h-c-a* 30 minutes 80260 bw: \$5.95

Presents an actual case history of a man who struggles against drug addiction for twenty years and finally dies from an overdose. Discusses causes and consequences of addiction for the individual and society. A 1955 production.

#### **MOSQUITO AND ITS CONTROL (c)**

*i-j-h* 11 minutes 01216 color: \$3.80

Describes the common types of mosquitoes

and their life cycles, and points out the need for their control. Pictures the *Culex* mosquito and through time-lapse photography shows part of its life cycle. Mentions the *Aedes* species and yellow fever. Diagrams the *Anopheles* life cycle and cites its role in carrying malaria. Shows documentary films of the mosquito control methods used during the construction of the Panama Canal. Concludes that through modern methods the control of the world's mosquitoes is at hand. A 1962 production.

#### **MOSQUITOES AND MALARIA (ep)**

*j-h* 10 minutes 02354 bw: \$2.15

Traces discoveries which revealed that mosquitoes are carriers of the malaria microbe and that the microbe emanates from the *Anopheles* mosquito. Presents the life history of the mosquito, its breeding places, and the effect of its poison upon human blood. A 1939 production.

#### **MOVING X RAYS (pfm and thsc)**

*j-h-c-a* 11 minutes 02365 bw: \$2.15

Shows how modern X rays can photograph the path of a pin swallowed by a person in the same way that barium sulphate can be traced through the alimentary tract when swallowed. Through the medium of the shadowgraph, the film shows a series of anatomical activities in both humans and animals. Narrated by John Kieran.

#### **MUSCULAR SYSTEM (uw)**

*j-h-c* 11 minutes 02368 bw: \$2.35

A human model demonstrates the action of muscles in maintaining body posture in standing and moving positions. Arm movement is shown through the action of biceps, triceps, and related muscles. The position, attachment, and function of muscles related to bones and joints are explained through X-ray photography.

#### **MY CHILD IS BLIND (unif for usar)**

*c-a* 20 minutes 51741 bw: \$3.15

Shows how a blind child, given patient treatment and proper training at a special nursery school for blind children, can be taught to do many things that normal children do. Produced for use in overseas occupied areas.

#### **NARCOTICS — THE DECISION (urtp; fdi)**

*j-h-c-a* 30 minutes 81093 color: \$9.20

Dramatizes the life of a girl from birth until she becomes completely degraded as a heroin

addict in early adulthood. Lacking parental interest and supervision, she longs for adult privileges and begins in early adolescence to experiment with liquor, "goof balls," and "pep" pills. Sequences alternate between her story and factual explanations of her reactions to various drugs, shown mostly through animated diagrams of the brain and close-ups of typical addicts. When she is no longer satisfied with the drugs mentioned, she is lured to try marijuana and then heroin. She is eventually caught in a police drive against the entire group of "pushers" and addicts. Shows and describes vividly the taking of heroin and the agonies of withdrawal from drugs. A 1961 production.

#### **NATION'S MENTAL HEALTH (mot)**

*h-c-a 19 minutes 51641 bw: \$3.85*

Shows the facilities for training doctors and psychiatric personnel in three hospitals in Topeka, Kansas; the various methods of therapy for psychiatric patients; and the work of the National Association of Mental Health in helping communities to set up mental health clinics. A 1951 production.

#### **NERVOUS SYSTEM (eb)**

*j-h-c 11 minutes 09700 bw: \$2.35*

Animated drawings describe the structure and function of the central nervous system, including the anatomy of the spinal cord, axones, dendrites, nerve bundles, and receptor and effector organs. Also illustrates the nature of the nerve impulse and reflex arc. Microphotography reveals the intricate differentiated reactions of an amoeba, a plant, a frog, and a cat. Includes amplified sounds of actual nerve impulses in man and a cat. A 1937 production.

#### **NERVOUS SYSTEM IN MAN (fu)**

*h-c 18 minutes 52216 bw: \$3.85*

Uses animated drawings, diagrams, and labels to explain the structure and functioning of the human nervous system. Also considers the needs of the nervous system to protect it against disease, injury, and malnutrition; and introduces and defines many technical terms for body parts and functions.

#### **NEW FRONTIERS OF MEDICINE (mot)**

*j-h-c-a 17 minutes 62400 bw: \$3.35*

Discusses recent drug discoveries such as sulfa, penicillin, and streptomycin; increased opportunities for medical students from all parts of the world to study in this country

such problems as the Rh blood factor and malnutrition; and progress in the control of heart disease, cancer, and rheumatic fever up to 1948.

#### **NEW MAGIC OF SWIMMING (fcf)**

*j-h-c 20 minutes 60254 bw: \$4.95*

Analyzes modern competitive swimming techniques, including the crawl, butterfly stroke, breast stroke, and backstroke. Includes regular speed and slow-motion sequences, shot both above and below the water surface. A 1962 production.

#### **NEW ZEALAND — PEOPLE AND SPORTS (cdp; uw)**

*i-j-h 17 minutes 60566 color: \$5.95*

Points out that the climate and topography of New Zealand permit every sport from sailing to skiing, and that New Zealanders have become very sports-minded. Shows some of the best known sports, including fishing, hunting, and skiing. Also shows the Maoris, early Polynesian inhabitants of New Zealand whose songs and dances are still performed. A 1962 production.

#### **NIGHT JOURNEY (rem)**

*c-a 30 minutes 80648 bw: \$6.65*

Under the direction of Martha Graham, the story of Oedipus Rex is portrayed by dance and music. The dance begins with a scene following the blinding of Oedipus. A 1961 production.

#### **NIGHT VISION FOR AIRMEN (cav for usn)**

*h-c-a 19 minutes 51807 bw: \$2.15*

Explains the problems faced by flying personnel in seeing at night. Shows the anatomical and physiological aspects of the eye and the reasons for and proper techniques of becoming dark adapted. Reveals the techniques of the most effective use of the eyes at night.

#### **NINE AGAINST THE RIVER (djp for turb)**

*j-h-a 29 minutes 81049 color: \$2.15*

Pictures a very exciting and dangerous round trip by boat 307 miles down the turbulent Colorado River from Lee's Ferry, Arizona, through the Grand Canyon to Lake Mead and back. Fifteen men are shown preparing for this first round trip in history, which was made possible in 1960 by using jet-powered boats capable of traveling in very shallow water. Shows one injured member of the group being rescued by helicopter during the downstream trip and nine of the men making

the unprecedented return trip through the rapid-filled and dangerously shallow river.

#### **NINE BASIC FUNCTIONAL SYSTEMS OF THE HUMAN BODY (br)**

*h-c 11 minutes 02301 bw: \$2.15*

The principal and basic constituents of the human system are set forth by means of animated drawings in nine groups — circulatory, nervous, sensory, digestive, lymphatic, endocrinal, skeletal, muscular, and excretory.

#### **NO SMOKING (sd)**

*j-h 10 minutes 02302 bw: \$2.35*

A boy and a girl start to light a cigarette, but the narrator stops them and explains how smoking costs each smoker \$150 to \$500 per year and affects the health and length of life of smokers. Recommends that the only sure way to break the smoking habit is not to start it. A 1952 production.

#### **NOISE AND HEALTH (THE SEARCH) (cbs)**

*h-c-a 28 minutes 80067 bw: \$6.05*

Points out that scientists at the University of California at Los Angeles have concluded that noise has a very great effect on the health and stability of people. Explains that sound can heat and shatter various substances, and demonstrates how sounds react to both "live" and "dead" rooms. Specialists in the science of acoustics are shown developing new methods of noise control in order to give the maximum satisfaction and protection to the human being. A 1956 production.

#### **NONE FOR THE ROAD (ya)**

*h-a 15 minutes 50563 bw: \$3.55*

Pictures a teen-age party where drinking is going on. Then introduces a physiologist who explains experiments with rats and students to show the effects on reaction functions of varying amounts of alcohol in the body. Illustrates these effects by showing that a boy who had a great deal to drink was picked up by the police before anything could happen and that a boy who had but a little to drink was involved in a serious accident. Depicts a couple who had nothing to drink viewing the accident and being reassured that their non-drinking was right. A 1957 production.

#### **NORMAL BIRTH (ma)**

*c-a 11 minutes 02303 bw: \$2.85*

Presents a photographic record of an actual delivery, showing the final two stages of labor, the preparation of the mother in the

delivery room, the birth of the child, and the immediate post-birth care of mother and child. Because of the subject matter, the film should be restricted to properly constituted groups under the supervision of a qualified leader.

#### **THE NOSE: STRUCTURE AND FUNCTION (eb)**

*j-h-c 11 minutes 00033 bw: \$2.35*  
*00032 color: \$3.80*

Discusses the structure and function of the nose. Shows with animation, regular photography, and microphotography how air is conditioned and sterilized in the breathing process. Uses a diagram to illustrate the passage of air through the nose to the lungs and shows the functions and behavior of the parts of the nose. Shows the effects of sudden chilling of the body on the function of the nose and its ability to combat infection. Presents causes of malfunctions in breathing and stresses good care of the nose. A 1954 production.

#### **NOSE, THROAT, AND EARS (mcgh)**

*h-c 11 minutes 02309 bw: \$2.45*

Animated drawings of the nose, throat, and ears show their structure, functions, and care. Shows how infection, once started, may spread throughout the nose, throat, and ears because of the continuous mucous membrane lining. A 1947 production.

#### **NOTHING TO DO! (FOUR SUMMERTIME EPISODES) (j)**

*i-a 10 minutes 01266 color: \$3.60*

Four episodes illustrate how children find positive ways to spend their leisure time, including day camp, other outdoor activities, home activities, and urban activities. A 1961 production.

#### **NUCLEAR RADIATION: USES OF NUCLEAR RADIATION IN MEDICINE (cenco)**

*h-c 16 minutes 51055 color: \$5.05*

Illustrates how nuclear radiation is used in medical diagnosis, therapy, and research and stresses its promise for the future. Uses animation to show how tracer elements "tagged" with radioactivity are used within the body. Compares the use of cesium with the use of X rays in radiation therapy. Points out that "clean" radiation, fully controllable and free of harmful side effects, is now available. Also explains the use of tracers to do research on the life of the human red blood cell. Concludes by stressing the contributions of nuclear radiation to medical science. A 1961 production.

**NUTRITIONAL NEEDS OF OUR BODIES (c)**

*i-j* 11 minutes 00494 *bw*: \$2.35

Uses photomicrography, laboratory animals, and animation to show how food provides the body's basic needs. Presents the four general groups of foods, the nutrients which they contain, and what the nutrients supply to the body. Stresses the importance of a well balanced diet to a strong body and good health. A 1961 production.

**OBESITY — PROBLEMS OF FAT FORMATION AND OVERWEIGHT (eb)**

*h-c-a* 13 minutes 51743 *bw*: \$2.85  
51748 *color*: \$4.45

Illustrates fat formation and utilization in the human body. Analyzes physiological and psychological causes of overweight. Explains the danger of uncontrolled fat accumulation and reveals ways in which body weight can be controlled. Emphasizes the importance of medical supervision when taking medicines or reducing pills. A 1952 production.

**OFFICIAL BASEBALL (cc for wsgc and wsf; ihsa)**

*j-h* 28 minutes 80696 *color*: \$2.15

Scenes taken in the Baseball Hall of Fame are used to introduce the informative and entertaining play situations that depict the official rules interpretations covering the phases of umpiring, batting, pitching, base running, and fielding. Features players and coaches of Lakeland, Florida, Senior High School. A 1962 production.

**OFFICIAL BASKETBALL (wsf and genm; ihsa)**

*j-h-c-a* 27 minutes 81263 *color*: \$2.15

Presents demonstrations of official basketball rules interpretations covering screening, traveling, jump ball, front and back court, throw-ins, free throws, personal and technical fouls, rebounding, and unusual and often misunderstood play situations. Shows the important part played by the rules in keeping the three S's — speed, science, and skill — in the game of basketball. A 1961 production.

**OFFICIAL FOOTBALL (wsf and genm; ihsa)**

*j-h-c-a* 28 minutes 80467 *bw*: \$2.15

Presents an exercise in spotting rule infractions during a football game, with each violation re-run while the narration clarifies the rule that has been broken and the penalty. Three teams are identified as participants in every football game — the home team, the visiting team, and the officials. Describes the view of play and role of each of the officials.

Included in violations discussed are offsidcs, illegal procedures, and infractions associated with kicking and passing. A 1960 production.

**OLD CHIEF'S DANCE (uok)**

*general* 6 minutes 02377 *color*: \$2.70

Reginald Laubin, a professional interpreter of Indian dances, performs the autobiographical dance of Chief One Bull, nephew of Sitting Bull. The authentic dance, performed in a studio, describes the chief's valor, in order to preserve unwritten history and to set a pattern of courage for the younger men. A 1951 production.

**OLYMPIC GAMES — 1952 (uw)**

*j-h-c-a* 29 minutes 80173 *bw*: \$4.25

Presents the highlights of the major Olympic competitions held in Helsinki, Finland, in 1952. Emphasizes the activities of the U.S. athletes.

**OLYMPIC WINTER THRILLS (of)**

*j-h-c-a* 9 minutes 00975 *bw*: \$2.15

Depicts the 1948 Olympics held in Switzerland. Includes scenes of hockey, figure skating, skate racing, bobsled racing, and skiing.

**ONE AGAINST THE WORLD (mgm)**

*j-h-c* 11 minutes 02380 *bw*: \$2.35

Dr. Ephraim McDowell, ridiculed by his profession and threatened by his neighbors, performs the first major operation on any human being in the world in Danville, Kentucky, on Christmas Day, 1809. A 1941 production. *Restricted to classroom use.*

**ONE DAY'S POISON (nfbc)**

*j-h-c-a* 30 minutes 80664 *bw*: \$5.55

Discusses and shows the work of the Poison Control Center at the Toronto Sick Children's Hospital. Several dramatized incidents illustrate the variety and large number of accidental poisonings among children. Shows examples of parental carelessness that may lead to tragedies. A 1958 production.

**OPTICAL ILLUSIONS (JUNIOR SCIENCE SERIES) (mcgh)**

*i-j* 11 minutes 00621 *bw*: \$2.35

Explains how the eye functions and shows its similarity to a camera. Describes how the brain puts together the flat images from a pair of eyes to form a three-dimensional image. Discusses the persistence of vision and

the cause of the "blind spot." Demonstrates experiments with optical illusions.

#### OTHER CITY (acs)

*a* 27 minutes 80220 color: \$2.15

Uses Racine, Wisconsin, to symbolically depict the tragedy of the 75,000 who die needlessly of cancer each year. Shows how Racine becomes a silent city without life. Illustrates the contrast between a cycle of orderly growth and nature unruly and without order. Portrays the seven danger signals of cancer. A 1957 production.

#### OUR TEETH (kb)

*i-j-h* 10 minutes 36500 bw: \$2.15

Stresses the importance of teeth in the digestive system, identifies and explains the purposes of the different teeth, and shows tooth development from infancy, the structure of teeth, how tooth decay starts, and the necessity for correct diet. A 1941 production.

#### PATHWAY INTO LIGHT (bis)

*j-h-c-a* 19 minutes 50531 bw: \$3.45

Introduces the work of Louis Braille, who developed the alphabet for the blind. Describes the process of the Braille system and shows how Braille books are printed. Also shows how blind children are taught to read in special schools. A 1954 production.

#### PAY ATTENTION: PROBLEMS OF HARD OF HEARING CHILDREN (vas)

*c-a* 31 minutes 81287 bw: \$5.55

Shows some of the education and personality problems faced by the child who is hard-of-hearing but not "deaf." Suggests ways in which parents, teachers, and specialists can help. Pre-school, elementary, and high-school pupils who are hard-of-hearing are followed through a variety of problems and remedial techniques. Stresses understanding of the problem, its early treatment, the use of "context" methods of speech reading, and early use of hearing aids where appropriate. A 1949 production.

#### PERSONAL HEALTH FOR GIRLS (c)

*j-h* 10 minutes 02446 bw: \$2.35

An attractive high-school girl shows the daily health habits so necessary to social poise and self-confidence. Cleanliness, proper complexion care, moderate exercise, and a balanced diet are some of the essential features. For girls only. A 1952 production.

#### PERSONAL HYGIENE FOR BOYS (c)

*j-h* 10 minutes 02447 bw: \$2.35

A high-school boy learns hygiene habits necessary for good health and social living. Stress is upon cleanliness — how and why — with special emphasis on particular problems of adolescent boys, such as shaving and complexion. For boys only. A 1952 production.

#### PHEASANT FEVER (hal)

*h-c-a* 11 minutes 00954 color: \$3.10

Pictures pheasant hunting in South Dakota. Two hunting dogs, one experienced and one inexperienced, are shown pointing and retrieving. A 1946 production.

#### PHOTOSYNTHESIS AND RESPIRATION CYCLE (chu)

*j-h* 14 minutes 51066 color: \$5.05

Shows the complementary processes of photosynthesis and respiration as parts of one great cycle. Animated scenes show photosynthesis in a leaf and the utilization of food in a muscle. A 1964 production.

#### PHYSICAL ASPECTS OF PUBERTY (ADOLESCENT DEVELOPMENT SERIES) (crf for mcgh)

*c-a* 17 minutes 51836 bw: \$4.05

Describes, with the help of diagrams of the human body, the physical changes in a girl and a boy from the age of ten to puberty. Explains the functions of the endocrine system and its effects on the development of primary and secondary sex characteristics. Discusses the effects of rapid physical growth on emotional, social, and mental development; and encourages adults to understand the problems associated with puberty. A 1953 production.

#### PHYSICAL FITNESS (THE SEARCH) (cbs)

*h-c-a* 27 minutes 80069 bw: \$5.55

Tells how research has helped extend the life span of the average individual. Includes interviews with Reverend Bob Richards, Olympic pole vaulter, and Roger Bannister, runner of the four-minute mile. Demonstrates physical fitness measurements, exercises, and training developed through research at the University of Illinois. A 1955 production.

#### PHYSICAL REHABILITATION (THE SEARCH) (cbs)

*h-c-a* 27 minutes 80058 bw: \$5.55

Demonstrates and explains new skills and techniques in the field of physical medicine

and rehabilitation, as presented by New York University. The causes and results of experimentation are centered around the story of the physical rehabilitation of a paraplegic war veteran who learns again how to stand, walk, climb stairs, sit in a wheelchair, and finally to achieve a symbolic goal: getting a cup of water from a cooler by himself. A 1955 production.

**PHYSIOLOGY: FUNDAMENTALS OF THE NERVOUS SYSTEM (eb)**

*h* 17 minutes 60328 color: \$5.65

Uses animated diagrams and live-action photography to present the structure and function of the nervous system by dividing it into three parts: the central, peripheral, and autonomic systems. Portrays the transmission of nerve impulses, nerve cell structure, and the speed of nerve impulses. Explains the origin of the electrical charge causing the impulse and how the cell then recharges itself. Discusses the role of sensory and motor nerves in the reflex arc, one theory explaining the nature of learning, the structure and function of the central cortex, and the autonomic nervous system's control over internal organs. Concludes by reviewing major topics covered and also indicates areas in which research on the nervous system is being done. Formerly listed as *Fundamentals of the Nervous System*.

**PHYSIOLOGY: THE BLOOD (eb)**

*h* 16 minutes 60326 color: \$5.65

Describes the circulation of the blood, its composition, and its functions in supporting cell processes. Photomicrography, animation, and demonstrations are used to show blood cell structure and locomotion, the formation of new blood cells, blood circulation, and capillary structure and function. Also explains blood typing and the test for the Rh factor. A 1960 production.

**PHYSIOLOGY OF HIGH ALTITUDE FLYING (figr for usn)**

*h-c-a* 35 minutes 81353 bw: \$2.15

A cartoon character named Stanley illustrates the dangers of high-altitude flying and is enlightened on the standard safety precautions. Shows how an impairment of the faculties is caused by a lack of oxygen, demonstrates the use of several different types of high-altitude dress, and explains what happens in aeroembolism and anoxia. A 1948 production.

**PITCH AND RUN — PITCHING AND SAND SHOTS (djp for ngf)**

*h-c-a* 12 minutes 60503 color: \$2.70

Uses regular, slow-motion, stop-motion, and animated photography to demonstrate the golf fundamentals of pitching, pitch and run, and explosion shots out of sand traps. Carefully shows the important differences in arm and wrist action for approach shots.

**PLASTIC BODY (kued)**

*h-c* 25 minutes 80714 bw: \$4.65

A group of girl dancers demonstrate a number of basic concepts related to movement as the woman narrator discusses them. The relation of the body to real or imaginary space, the blending of time and force into rhythm, and the interpretation of emotion are illustrated by various dancers. Also includes a folk dance performed by a group of young men and women in costume. Produced as a master's thesis by Jane Yosepian, about 1964.

**PLAY BALL, SON! (ya)**

*j-h* 17 minutes 50147 bw: \$3.35

A group of high-school boys expertly demonstrate the correct techniques of play at all positions on the baseball team. Shows Joe Cronin coaching the boys. A 1946 production.

**PLAY BETTER GOLF, PART 1 (FUNDAMENTALS) (of)**

*h-c-a* 9 minutes 02484 bw: \$2.15

Lloyd Mangrum, Sam Snead, Patty Berg, and Jim Ferrier show the "know how" of the three fundamentals of good golf — correct grip, aim, and swing. Also covers the choice of club, position of the feet, and recommended practice measures. Uses regular, slow-motion, and close-up photography. A 1948 production.

**PLAY BETTER GOLF, PART 2 (ADVANCED) (of)**

*h-c-a* 9 minutes 02485 bw: \$2.15

Well known professional golfers show applied techniques in overcoming course hazards and obstacles — high grass, water hazards, tree blocks, and sand traps. Special attention is given to proper clubs, chip shots, and putting. Uses regular, slow-motion, and close-up photography. A 1948 production.

**PLAY CHAMPIONSHIP BASKETBALL (asf)**

*j-h-c* 60 minutes 85400 bw: \$9.30

Basketball fundamentals are demonstrated by

the two-time national championship Oklahoma A & M team with All-American Bob Kurland and Coach Henry Iba. Includes shooting, passing, dribbling, tapping, screening, blocking, use of arms and hands, defense on jump, guarding the shooter, infractions, drills, types of plays, and all major phases of court play. Specifically designed as a coach's training aid. A 1947 production. *Mounted on two reels.*

#### PLAY VOLLEYBALL (asf)

*j-h-c-a* 20 minutes 51846 bw: \$3.35

Uses a team of experienced men players to demonstrate the skills of serving, receiving, passing, setting up, and blocking in volleyball. Stop-action and slow-motion photography are used to clarify the essentials of each of these skills. A 1945 production.

#### PLAYTOWN, U.S.A. (ai)

*h-c-a* 25 minutes 80313 color: \$6.95

Shows a typical instance of the hazards faced by youth when they have no play facilities other than the city streets. Discusses reasons for the inability of schools to cope with the problem alone, and the mutual stake that adults, with increasing leisure hours, have with youngsters in a municipal, tax-supported, year-round program of recreation for all ages and both sexes. Describes in detail the organization at Decatur, Illinois, as proof that just such a program can be operated efficiently and economically. A 1946 production.

#### POLE VAULT (c)

*j-h* 7 minutes 45300 bw: \$2.15

Demonstrates the fundamentals of pole vaulting for the beginner. Experts in the vault indicate the preparation of the pole, length of the run, approach, pushup, and final turn of the body as the athlete clears the bar. Analyzes the technique of vaulting, with emphasis on coordination and timing. A 1945 production.

#### POLE VAULT (TRACK AND FIELD INSTRUCTION SERIES) (rf)

*j-h-c* 13 minutes 50983 bw: \$2.85

Shows the principles of the pole vault. The technique is shown through the analysis of championship-type pole vaults, with some slow-motion scenes. Shows an inexperienced candidate being put through the drills needed to acquire good form.

#### POSTNATAL CARE (ma)

*c-a* 13 minutes 50180 bw: \$3.55

Shows the new mother in her hospital room doing exercises, caring for her baby, nursing, etc. Discusses the father's relation to the new situation and portrays some of the joy of parenthood. Diagrams illustrate how the mother's body returns to normal. A 1951 production.

#### POSTURE AND EXERCISE (eb)

*j-h-c* 11 minutes 33400 bw: \$2.35

Describes and explains muscle activity and the physiology of exercise. The various concepts presented include the relation of the nervous system to the skeletal muscles, motor units of work, muscle tonus in relation to posture, development of endurance, and peripheral circulation as it is related to general physical efficiency. A 1941 production.

#### POSTURE AND PERSONALITY (ssf)

*j-h* 11 minutes 00358 color: \$3.60

Emphasizes the correlation between posture and personality by showing the influence of posture upon appearance and efficiency in sports and games, making friends, and getting a job. A 1949 production.

#### POSTURE HABITS (SECOND EDITION) (c)

*i-j* 11 minutes 02495 bw: \$2.35

When their older brother shows them that they will look and feel better if they have good posture, Julie and Jerry begin a program of self-improvement in posture. Includes good habits in standing, walking, and sitting. A 1963 production.

#### POSTURE IN MOTION (edh)

*j-h-c-a* 9 minutes 41300 color: \$3.40

Against simple backgrounds, several girls demonstrate good and poor posture while walking, standing, and sitting. The narrator emphasizes the techniques of achieving good posture and its contribution to well-being, beauty, and self-confidence. A 1961 production.

#### PRENATAL CARE (ma)

*h-c-a* 21 minutes 51863 bw: \$4.75

Diagrams show the female organs and the changes that take place during pregnancy. Emphasizes the fact that the prospective mother should work with the doctor and her



husband in planning exercise, diet, and clothing. Diagrams show the development of the embryo, with emphasis on the weight gain during the last three months. A 1952 production.

**PRINCIPLES OF GENETICS, NO. 23: MUTAGEN-INDUCED GENE MUTATION (unf for fae; mcgh)**

*c* 30 minutes 80450 *bw*: \$6.35

High-energy radiations produce chemical effects by means of ionization. Ions can produce mutation. The measurement of X-ray dosage in roentgens and the dose required to double the spontaneous mutation rate in *Drosophila*, mice, and man are discussed. Radiation-induced and spontaneous mutations are similar. The magnitude and meaning of permissible doses of high-energy radiation are discussed. Other mutagenic agents (ultraviolet light and chemical substances) are discussed, concluding with comments on the importance of gene mutation to present and future generations. Lecture by Dr. H. J. Muller.

**PROBLEM DRINKERS (mot)**

*h-c-a* 19 minutes 63100 *bw*: \$4.35

Follows step by step through an alcoholic's downfall and his rehabilitation. Tells what has been done by such organizations as Alcoholics Anonymous, the Research Council on Problems of Alcohol, and the Yale School of Alcohol Studies to control alcoholism and have it recognized as a disease. A 1947 production.

**PROFILE OF A PROBLEM DRINKER (nfbc)**

*c-a* 27 minutes 80259 *bw*: \$5.45

Looks beyond the familiar picture of the alcoholic to the insecurities and inner motivations that cause a person to lean on alcohol. Tells the story of how David Spear, who started out as a sober and ambitious architect, began to drink and eventually risked losing his family and his job. The doctor to whom he finally turns explains the medical and other resources available to help him recover and helps him to understand the real reasons behind his uncontrolled drinking. A 1957 production.

**"PROMENADE ALL" — WESTERN SQUARE DANCING (ga)**

*h-c-a* 9 minutes 02526 *bw*: \$2.15

Shows a traditional American square dance, performed in an outdoor setting by a group in colorful costumes. Many familiar steps are

pictured as a woman calls them. A 1947 production.

**PROMISE OF THE LIFE SCIENCES: NUTRITION — THE CHEMISTRY OF LIFE (usda)**

*h-c-a* 58 minutes 81295 *bw*: \$2.15

Jean Mayer, School of Public Health, Harvard University, tells of the search to discover what regulates normal appetites and the causes of obesity. *Mounted on two reels.*

**PROPER STEPS (fif)**

*j-h-c-a* 10 minutes 02529 *bw*: \$2.15

Offers suggestions on how to avoid foot trouble, and points out common foot abuses and errors in walking habits. A 1948 production.

**PSYCHIATRIC RESEARCH, PART 1 (THE SEARCH) (cbs)**

*h-c-a* 26 minutes 80063 *bw*: \$5.55

Shows the examining, testing, and treatment of mentally ill people at Tulane University, in New Orleans. Explains and demonstrates the use of psychotherapy, the use of sodium amytal, and other methods of helping the neurotic. A 1955 production. *Not available for use in Alabama, Mississippi, or Louisiana.*

**PSYCHIATRIC RESEARCH, PART 2 (THE SEARCH) (cbs)**

*h-c-a* 26 minutes 80064 *bw*: \$5.55

A continuation of Part 1, showing the research and treatment of the mentally ill being conducted at Tulane University. Deals mainly with psychotics, and highlights the theory that the brain is actually malfunctioning pathologically at the time of mental illness. Shows brain-wave tests on normal and sick persons, the use of sodium amytal, and electric shock therapy. A 1955 production. *Not available for use in Alabama, Mississippi, or Louisiana.*

**PUBLIC ENEMY NO. 1 (wctu)**

*j-h* 20 minutes 50139 *bw*: \$3.25

Photographed against a panorama of Pacific Coast and mountain scenery, the film depicts a vacation taken by a doctor and his two sons. During the trip the doctor tells his sons about alcohol and the alcohol problem; how alcoholic beverages are made, advertised, and sold; their damaging effect on mind and body; and how the use of alcoholic beverages leads to ruined lives, to broken homes, and to vice and crime. A 1951 production.

**PUEBLO BOY (fmc)**

<i>i-j-h</i>	<i>24 minutes</i>	<i>80384</i>	<i>color: \$5.25</i>
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Presents the story of a young Indian boy being instructed in the ancient and modern ways, habits, traditions, and culture of his people, the Pueblo Indians of the Southwest. Presents some Pueblo dances and ceremonies seldom photographed, and shows the annual Indian festival at Gallup, New Mexico. A 1947 production.

**PUTTING (dip for ngrf)**

<i>h-c-a</i>	<i>10 minutes</i>	<i>47200</i>	<i>color: \$2.70</i>
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Uses regular, slow-motion, stop-motion, and animated photography to demonstrate several putting techniques in golf. Shows wrist and firm wrist swings, tap and stroke methods of applying momentum to the ball, and how to play uneven greens.

**QUARTER HORSE: AT HALTER (aqha)**

<i>h-c-a</i>	<i>11 minutes</i>	<i>01423</i>	<i>color: \$2.15</i>
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Shows how to clip and groom a quarter horse for showing. Demonstrates good and poor techniques of leading a horse in a straight line and getting it into standing position for the judge's inspection.

**QUARTER HORSE: CUTTING (aqha)**

<i>h-c-a</i>	<i>11 minutes</i>	<i>01425</i>	<i>color: \$2.15</i>
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Explains the scoring of cutting one animal from a herd in a horse show. Then shows in detail the correct and incorrect techniques as demonstrated by a number of riders.

**QUARTER HORSE: REINING (aqha)**

<i>h-c-a</i>	<i>11 minutes</i>	<i>01424</i>	<i>color: \$2.15</i>
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Shows close-ups of different kinds of headstalls, bits, and reins used on quarter horses. Demonstrates good and poor form in moving forward, stopping, backing, and doing figure 8's, rollbacks, and pivots. Points out that the Pacific Coast pattern for reining, the one shown, is slightly different from the pattern used elsewhere.

**QUARTER HORSE: ROPING (aqha)**

<i>h-c-a</i>	<i>10 minutes</i>	<i>01426</i>	<i>color: \$2.15</i>
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Explains the scoring of roping in a contest. Discusses the use of protective boots on a horse during roping. Then shows in detail the correct and incorrect techniques of roping and tying a calf.

**QUARTER MILLION TEEN-AGERS (chu)**

<i>j-h</i>	<i>16 minutes</i>	<i>52260</i>	<i>color: \$5.65</i>
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Points out that 250,000 teen-agers are contracting syphilis or gonorrhea each year. Shows microscopic views of spirochetes and gonococci and explains that they survive only in living tissues, not in inanimate objects. Animation shows how these organisms enter the body, symptoms of both diseases, eventual damage to the body, sterility, and infection of a baby during birth. Stresses that both diseases can be cured if treated in time by qualified doctors, and urges any person who suspects that he has been exposed to go to his doctor or a public clinic. Concludes with questions for discussion. A 1964 production.

**THE QUEST (infbc)**

<i>j-h-c</i>	<i>35 minutes</i>	<i>95000</i>	<i>bw: \$6.65</i>
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Tells the story of the discovery of insulin at the University of Toronto. Depicts the work, discouragement, and poor conditions that surrounded Dr. Frederick Banting and his young associate, Charles Best, in their fight against time and the skepticism of other doctors which resulted in victory over diabetes. Dramatizes the odds against them and the persistence that brought about one of medicine's greatest conquests. A 1959 production.

**RX — THE STORY BEHIND YOUR DOCTOR'S PRESCRIPTION (ers)**

<i>h-c-a</i>	<i>18 minutes</i>	<i>51927</i>	<i>bw: \$2.15</i>
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Points out how the resources of chemical and biological sciences contribute to medical services throughout the world by modern manufacturing methods. Emphasizes the importance of setting up a system of standards and controls. Products discussed include ether, preventive vaccines, insulin, and antibiotics. Points out the value of a brand name in assuring quality. A 1947 production.

**RABIES (mcgh)**

<i>i-j-h-a</i>	<i>15 minutes</i>	<i>50763</i>	<i>bw: \$3.25</i>
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Presents the facts about rabies — its cause, its effects, and its control — using actual photographs of rabid dogs as well as specially trained healthy ones. A 1958 production.

**READINESS — THE FOURTH R (ai)**

<i>h-c-a</i>	<i>20 minutes</i>	<i>60251</i>	<i>color: \$6.45</i>
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Interprets, for lay groups, the values and outcomes of physical education, including athletics, in schools and colleges. Shows astronaut John Glenn, athletics at Michigan State

University, elementary school classwork, and various physical education classes. Defines "readiness" as the quality of being ready physically, emotionally, and mentally for anything.

**RECREATIONAL AND OCCUPATIONAL THERAPY**  
(*Ins for use and usph*)

*c-a* 14 minutes 51892 *bw*: \$2.65

Shows recreational and occupational therapy activities fitted to the patient's condition: passive diversion during an immobile state following traumatic injury, limited physical activities carried on in bed, individualized occupational therapy as supervised by the nurse, group occupational work in hospital and community, and social recreation projects. A 1945 production.

**REHABILITATION OF RESPIRATORY PATIENTS**  
(*Inf*)

*c-a* 11 minutes 00666 *bw*: \$2.15

Presents the basic philosophy behind the programs of patient care, teaching, and research as developed by the respiratory and rehabilitation centers working with the National Foundation for Infantile Paralysis. Produced in 1957 for doctors, nurses, physical therapists, social workers, and others who work with polio patients.

**THE RELAYS** (*uw*)

*j-h-c* 10 minutes 01064 *bw*: \$2.25

Shows the fundamentals and various techniques of relay racing, including the visual pass, the blind pass, the right and left exchange, the merging of runners' speed, baton grips, relay starts, the underhand action, the cup style, the overhand sprint pass, the fly scoop, and training exercises. A 1947 production.

**RESPIRATION** (*uw*)

*j-h* 11 minutes 02553 *bw*: \$2.55

Shows movements of the diaphragm and thorax in breathing, along with functions of the nasal passages and trachea. Includes both internal and external respiration, and pictures the distribution of oxygen by means of the circulatory system and release of energy by oxidation of food.

**REST AND HEALTH** (*c*)

*j-h* 10 minutes 02554 *bw*: \$2.35

George, a member of his school's track team, finds himself losing out on everything. When

the coach convinces him that he is not getting enough rest, he learns to establish good rest habits and is rewarded with renewed energy and success. A 1949 production.

**RETRIEVERS AT WORK** (*vk*)

*h-a* 11 minutes 02559 *color*: \$3.40

The following dogs are shown being trained and then as finished retrieving dogs: black Labrador, Chesapeake, and golden retrievers and Irish water spaniels. A 1950 production.

**RETURN TO LIFE** (*ui*)

*h-c-a* 24 minutes 81302 *color*: \$2.15

Points out that many services are performed by the University of Illinois Division of Services for Crippled Children. A case history involving a little girl with a congenital heart malformation illustrates the program. Other services described pertain to hearing problems, polio, spastic paralysis, and other diseases. A 1955 production.

**RHYTHMIC EXERCISES** (*paha; bfs*)

*i-j* 11 minutes 02564 *bw*: \$2.35

Presents a group of junior-high-school boys illustrating rhythmic techniques in a series of exercises done to a simple melodic background. Each element is then demonstrated in slow-motion detail. A 1950 production.

**RIDE, COWBOY, RIDE** (*aqha*)

*h-c-a* 60 minutes 80734 *color*: \$2.15

Alternates scenes on a working ranch and at rodeos and contests to illustrate the capabilities of the quarter horse. Includes moving a herd of cattle, cutting out individual animals, roping, cutting a herd, and racing. Then discusses the characteristics of a good quarter horse, describes it as an ideal mount for children, shows 4-H and drill teams, and pictures a six-day trail ride by a group of 600 men in California. *Mounted on two reels.*

**ROLLER SKATING: ROLLER RHYTHM** (*rko*)

*j-h-a* 7 minutes 02571 *bw*: \$2.15

Shows roller rink champions in action, along with general shots of the sport.

**ROMANCE OF RADIUM** (*mgm*)

*j-h-c-a* 9 minutes 02572 *bw*: \$2.35

Tells the story of the accidental discovery of radium by Antoine Becquerel and the resulting experiments in which he enlists the aid

of the Curies. Also through accident comes the dramatic discovery that radium has curative as well as destructive powers. A 1937 production. *Restricted to classroom use.*

#### **ROPE SKIPPING (BASIC STEPS) (mamo)**

*i-j-h* 16 minutes 52291 color: \$5.65

Explains that rope skipping is an all-purpose physical fitness exercise that is adaptable to all ages and levels of skill and promotes endurance, agility, rhythm, and timing. Demonstrates a progression of eleven basic steps done in various tempos. Also shows how these steps and tempos can be incorporated into routines for skipping demonstrations. A 1965 production.

#### **RUNNING BROAD JUMP (TRACK AND FIELD INSTRUCTION SERIES) (rf)**

*j-h-c* 13 minutes 50979 bw: \$2.85

Shows principles of the running broad jump. The technique is shown through the analysis of championship-type jumps, with some slow-motion scenes. Pictures an inexperienced candidate being put through the drills needed to acquire good form.

#### **RUTH ST. DENIS AND TED SHAWN (WISDOM SERIES) (nbc)**

*h-c-a* 30 minutes 80307 bw: \$6.15

Interviews two of the most distinguished founders of the modern dance in America, Ruth St. Denis and Ted Shawn. The conversation covers many phases of their life and work during the past half century. Features performances of three dances they created which greatly influenced American choreography: "Incense" and "White Nautch," performed by Miss St. Denis, and "Japanese Warrior," performed by Mr. Shawn. A 1958 production.

#### **SADLER'S WELLS BALLERINA (iff)**

*j-h-c-a* 12 minutes 51928 color: \$3.80

Tells the story of a young ballet dancer about to make her debut with Sadler's Wells Ballet in London. Pictures her strenuous life of study and rehearsal and her home life. Then shows her debut in Ravel's "Beauty and the Beast" with the Sadler's Wells Ballet. A 1952 production.

#### **SAFE SWIMMING (gpp)**

*i-j-h* 10 minutes 00229 bw: \$2.15

Emphasizes safety precautions which are observed by expert swimmers. Warns against

dangerous locations, stresses learning to swim well and under supervision, and suggests an organized program to provide safe swimming conditions. A 1947 production.

#### **SAVE THOSE TEETH (eb)**

*i-j* 10 minutes 02606 bw: \$2.35

Shows Dan's dentist discussing tooth decay and preventive methods. Illustrates the correct way to brush teeth and stresses the need for a well balanced diet; then explains the fluoride treatment for protecting teeth. A 1949 production.

#### **SCHOOL HEALTH IN ACTION (sor for osdh)**

*h-c-a* 25 minutes 80004 bw: \$4.45

Shows how groups and individuals in a community worked together to create a healthful environment, to improve health instruction, and to provide health services in their school. Illustrates how the teachers, public health workers, and interested parents with patience and relentless efforts convinced their school board and community of the value of a health program, and shows the resulting improvements which emerged from the program.

#### **SCIENTIFIC UNARMED SELF-DEFENCE: AN EXPOSITION OF THE ANCIENT ASIAN ESOTERIC ARTS (avaf)**

*h-c-a* 39 minutes 90028 bw: \$7.85

Mr. R. A. Vairamuttu, of Ceylon, demonstrates the techniques of and exercises for unarmed self-defense as developed in Asia. Includes ju-jitsu, the foot movements of cheena-adi, wrestling, and Indian stick defense, combined and employed against attack by hand, kick, club, knife, and pistol. Uses close-ups, slow-motion scenes, and planned repetition of basic techniques.

#### **SEAL HUNT (crf for cdl; ctfi)**

*h-a* 22 minutes 51965 color: \$2.15

Shows a seal hunt by sportsmen flown into Whale Cove, on the west coast of Hudson Bay. Also shows the native Eskimos celebrating a successful hunt.

#### **SECOND SIGHT (rko)**

*j-h-c-a* 15 minutes 51969 bw: \$3.35

Describes the work of the Guide Dog Foundation at Smithtown Branch, Long Island, in the training of blind persons and guide dogs. Demonstrates through the experiences of a blind man how dog and master learn to walk together.

**SEIZURE (MEDICAL TREATMENT AND SOCIAL PROBLEMS OF EPILEPSY) (usva)**

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*c-a* 48 minutes 95700 *bw:* \$7.35

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Explains the diagnostic and therapeutic treatment of epilepsy through a dramatized story of an epileptic veteran, the background of his condition, and his treatment in a Veterans Administration hospital. Describes the physiological basis of epilepsy, clinical manifestations of common types of seizures, and socioeconomic problems facing an epileptic. A 1951 production.

**SENSE IN THE SUN (kism for acs)**

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*h-c-a* 15 minutes 50177 *color:* \$2.15

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Emphasizes the prevention of skin cancer and discusses the effects of sunlight and other environmental hazards on the skin.

**SENSE PERCEPTION, PART 1: THE WONDER OF THE SENSES (mis)**

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*h-c-a* 27 minutes 81371 *color:* \$7.65

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Uses regular photography, animation, demonstrations, and narration to explain the functions of the human sensory organs and their interpreter, the brain. Dr. Irwin Moon is shown learning to see normally while wearing a pair of inverting spectacles, and then adjusting to their removal. A series of other experiments shows how each of the senses operates, either alone or in combination. A 1960 production.

**SENSE PERCEPTION, PART 2: THE LIMITATIONS OF THE SENSES (mis)**

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*h-c-a* 28 minutes 81372 *color:* \$8.30

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Emphasizes the limitations in the range of sensory stimuli to which human beings are sensitive. Compares human sense perceptions with those of various animals, and points out the very narrow range of visible light on the entire electromagnetic spectrum. Presents several classical optical illusions to show that the brain interprets sensory information in the context of past experiences. Points out that humans cannot possibly comprehend all of reality with their relatively feeble senses. A 1960 production.

**SHOT PUT (TRACK AND FIELD INSTRUCTION SERIES) (rf)**

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*j-h-c* 13 minutes 50984 *bw:* \$2.85

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Shows the principles of throwing the shot put. The technique is shown through the analysis of championship-type throws, with some slow-motion scenes. Pictures an inexperienced candidate being put through the drills needed to acquire good form.

**SHOULD YOU DRINK? (mcgh)**

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*h-c-a* 21 minutes 50835 *bw:* \$4.85

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Discusses the various reasons why people drink, and shows examples of drinking in both business and social situations. Uses a discussion at a party attended by five young couples to bring out the reasons for drinking, such as to gain confidence, to compensate for failure, to acquire security, to have a good time, or just to go along with others' drinking. Dramatizes the case of a young real-estate salesman, Jerry, who drinks heavily because of business failure, and the concern his drinking causes his fiancée. Closes with several questions relating to the reasons for using alcohol and the problems that may result when people begin to drink without really knowing why. A 1959 production.

**SIMPLE STUNTS (c)**

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*i-j-h* 11 minutes 02654 *bw:* \$2.35

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Demonstrates stunts which require little or no equipment and are suitable for both boys and girls in organized gym classes, clubs, informal groups, and unsupervised play. Stresses safety precautions and the desirability of learning variations of the stunts. A 1946 production.

**SIXTEEN TO TWENTY-SIX (nfbcl)**

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*c-a* 17 minutes 51988 *bw:* \$3.25

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Designed for female audiences only, this film presents facts about the extent, transmission, course of infection, symptoms, and treatment of gonorrhea and syphilis. A 1945 production.

**THE SKELETON (eb)**

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*j-h* 12 minutes 50054 *bw:* \$2.35

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Analyzes the human skeleton, and examines the function and structure of bones. Uses X-ray photography to show various kinds of movable joints in action; explains, with the help of animated drawings, the growth process and structure of bones; and identifies their chemical properties by means of laboratory experiments. Emphasizes the importance of correct posture, good diet, and exercise to sound skeletal growth. A 1953 production.

**SKI THRILLS (yosp and curc; sm)**

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*j-h-a* 11 minutes 43200 *color:* \$3.30

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Photographed at the ski lodge at Ostrander Lake in the High Sierras of California, the film opens with the awakening of the skiers. Outfitted in bright skiing apparel, they are

shown executing Christianias, Telemarks, and g  l  ndesprungs with ease and grace. Closes as the skiers return to the lodge. A 1946 production.

#### THE SKIN (silent) (eb)

*j-h* 15 minutes 00950 bw: \$2.65

Contrasts the skins of various animals. Shows the structure and method of growth of human skin; and explains the sensation of touch, the formation of "gooseflesh," how hair "stands on end," the secretion of sweat, and the growth of hair and nails. Illustrates the proper care of the skin.

#### SMALL CRAFT SAFETY (hek)

*general* 14 minutes 50771 bw: \$3.15

Shows that the increased use of boating as a recreation makes it necessary for persons to be familiar with small craft safety. Points out common causes of accidents and how they can be avoided. Stresses safe conduct, rules of boating, and rescue and lifesaving techniques involved in canoes, rowboats, outboards, and small sailboats. A 1955 production.

#### SMOKI SNAKE DANCE (adp)

*j-h-c-a* 12 minutes 50801 color: \$3.80

Explains that, to perpetuate the ancient rituals of Western Indians, the businessmen of Prescott, Arizona, have established "The Smoki People," who yearly present a program of tribal rites. The group engages in extensive research and planning to make authentic costumes, headdresses, and dances. Shows how participants are transformed by make-up and costume from one race to another. After the tribal ceremonies, the Snake Dance writhes across the plaza to an impressive climax. A 1952 production.

#### SNIFFLES AND SNEEZES (mcgh)

*j-h* 10 minutes 00058 bw: \$2.35

Shows why colds start, how they spread, and what to do to prevent them. Portrays the most common ways in which cold-producing viruses are spread. Also shows ways in which the body defends itself against germs. A 1955 production.

#### SOCCER — LET'S PLAY (slfp)

*j-h* 10 minutes 01389 bw: \$2.25

Defines the basic skills of soccer as two teams of boys demonstrate in a game situation. Includes offensive and defensive tactics, the

goalkeeper's special duties, and fouls and penalties. Uses regular and slow-motion photography.

#### SOCCER FOR GIRLS (REVISED EDITION) (c)

*j-h-c* 10 minutes 02661 bw: \$2.35

Skilled girl players demonstrate the various traps, dribbles, and passes of soccer. Close-ups and slow-motion photography bring out the details of technique while an action sequence reviews the points of play. A 1962 production.

#### SOCIAL DANCING (c)

*j-h-c* 10 minutes 02669 bw: \$2.35

Demonstrates, for young people, the basic fox trot and waltz steps, with three simple variations. Both the boy's and girl's parts are shown in close view, and each step or variation is explained with diagrammatic effects. A 1947 production.

#### SOFIA GIRLS (stib)

*h-c* 11 minutes 02671 bw: \$2.15

Shows the activities of a group of Swedish girls who are pupils in the public school of Sofia parish, in Stockholm. They begin the day with a swim in the Val River, then take a hike in the mountains, and finally do rhythmic and gymnastic exercises. A 1946 production.

#### SOFTBALL FOR BOYS (c)

*j-h* 10 minutes 02672 bw: \$2.35

An expert softball player demonstrates pitching techniques, and a catcher shows his responsibilities in signalling the pitch and providing a target. Illustrates during a game the proper throws, outfield shifts, good batting form, and base-running techniques. Emphasizes teamwork and sportsmanship. A 1948 production.

#### SOFTBALL FOR GIRLS (c)

*j-h-c* 10 minutes 02673 bw: \$2.35

Takes up the fundamental softball skills of throwing, catching, batting, and fielding as a group of girls demonstrates them. Points out each player's individual skill and coordinated teamwork to show students how practice improves play. A 1948 production.

#### SOFTBALL FUNDAMENTALS (ya)

*i-j* 11 minutes 02674 bw: \$2.35

Junior-high-school girls demonstrate the techniques of batting, throwing, pitching, base-

running, and fielding in softball. A 1946 production.

#### **SOMETHING YOU DIDN'T EAT (wdp)**

*general 10 minutes 02682 color: \$3.00*

Animation is used to explain how one can learn to select a diet from the seven basic groups of foods to insure sufficient supply of the essential nutrients. A 1945 production.

#### **SOUTHWESTERN INDIAN DANCES (THIS LAND OF OURS SERIES) (cdp and sfr)**

*general 9 minutes 00515 color: \$3.20*

Shows the typical dances of many tribes at the Gallup, New Mexico, Annual Inter-Tribal Ceremonials. Includes the Eagle Dance and the Hoop Dance. A 1948 production.

#### **SPEED-A-WAY (msl)**

*j-h 10 minutes 02708 bw: \$2.35*

This new game for boys and girls is a combination of the elements of soccer, basketball, speedball, field ball, and hockey with an opportunity for players to run with the ball. A 1952 production.

#### **SPEEDBALL FOR GIRLS (c)**

*j-h-c 10 minutes 02710 bw: \$2.35*

Explains the fundamentals of speedball as they are shown by diagrams and by a group of girls playing. Suggests drills for improving specific techniques, and emphasizes the importance of game strategy. A 1948 production.

#### **SPINAL COLUMN (STRUCTURE AND FUNCTION IN MAN) (eb)**

*j-h-c 11 minutes 00516 bw: \$2.35*

Describes in detail the structure, function, and movement of the spinal column in man. Uses X-ray photography and animated drawings to indicate the cervical, thoracic, lumbar, sacral, and coccygeal regions and shows how the individual vertebrae are joined together to form a firm but flexible backbone. Points out the relationships between the spine, other bones, and muscles of the body and stresses good posture. A 1956 production.

#### **SPIRIT OF ALGONQUIN (odtp; cflf)**

*general 19 minutes 50743 color: \$2.15*

Features Algonquin Park in Ontario as a summer camp area for boys and girls, and the recreational activities offered at the summer camps in this region. Stresses the camp-

craft activities learned, the experiences gained in democratic processes by participation in the operation of the camp, and the other values acquired by camp experiences. A 1958 production.

#### **SPLITS, SPARES, AND STRIKES (ca)**

*h-c-a 10 minutes 02715 bw: \$2.15*

Championship form is demonstrated by Tillie Taylor, famous woman bowler. A 1941 production. *Restricted to classroom use.*

#### **SPORT'S GOLDEN AGE (rka)**

*h-c-a 15 minutes 52005 bw: \$3.35*

Emphasizes America's propensity for sports of all kinds. Shows several generations of champions in action: Knute Rockne, Red Grange, Helen Wills, Johnny Weissmuller, Jack Dempsey, Joe Louis, Bob Feller, Joe DiMaggio, and many others. Shows the making of sports equipment and Americans enjoying a wide variety of sports from swimming to skiing. A 1949 production.

#### **SPORTS 'ROUND THE GLOBE (casf)**

*j-h-a 9 minutes 00841 bw: \$2.15*

Pictures a variety of exciting sports events in France, Italy, England, Austria, Japan, and Spain. A 1950 production.

#### **SPRINGBOARD AND FRONT APPROACH (flp)**

*j-h-c 11 minutes 01067 color: \$3.80*

Stresses the importance of the diver's approach to the end of the board and the spring. Uses slow motion to analyze knee, arm, and leg actions in the execution of the hurdle and the take-off from the springboard. The demonstrations are by Olympic champion Vicki Draves. A 1959 production.

#### **SPRINGBOARD DIVING (uc)**

*j-h-c 13 minutes 50354 bw: \$4.15*

Shows the fundamentals of springboard diving with detailed illustrations of the position of the body in the air, the proper use of feet and arms, and the approach and take-off from the springboard. Techniques for the swan dive, running front dive, and the back jump and exercises for control of the body in the air are also depicted. Uses women performers throughout.

#### **SPRINGBOARD TECHNIQUES (THE FORWARD AND BACKWARD LIFTS) (c)**

*j-h-c 11 minutes 02721 bw: \$2.35*

Proper use of the springboard is explained

as a prerequisite to skillful diving. Stop-motion and slow-motion photography are used for detailed analysis of lifts, tucks, somersaults, and other skills. Techniques are summarized in outdoor scenes showing the finished performance of expert divers. A 1947 production.

#### THE SPRINTS (uw)

*j-h-c* 21 minutes 50079 bw: \$3.95

Shows the fundamentals of the 100-yard and 220-yard dash, including the synchronization of arm and leg movements in the impact and stretch, warming-up and corrective exercises, recommended starting techniques, the placement and digging of start holes, foot movement, balanced arm action, backward arm jab, and the counterbalance of the arms. Uses some slow-motion and stop-motion photography. A 1947 production.

#### SQUARE DANCE MEDLEY (of)

*general* 10 minutes 02724 bw: \$2.15

Presents three square dances: "Lady Around the Lady," "Duck for the Oyster, Dig for the Clam," and "Hinky Dinky Parlez Vous." A 1947 production.

#### SQUARE DANCING (bos)

*general* 14 minutes 50051 color: \$4.55

Illustrates patterns and fundamentals of square dancing. Designed primarily to arouse interest in and depict the fun of square dancing, rather than to teach. A 1952 production.

#### STEPS OF THE BALLET (bis; eb)

*j-h-c-a* 25 minutes 83900 bw: \$5.05

Shows the basic classical positions and movements of the ballet. During rehearsal, the work of the choreographer, the composer, and the designer is explained. Then a finished performance of the new ballet is presented. Music is played by the London Symphony Orchestra. Robert Helpmann, well known choreographer and dancer, is the narrator. A 1949 production.

#### STORY OF DR. JENNER (mgm)

*j-h* 11 minutes 02729 bw: \$2.35

Dramatizes the story of Dr. Jenner, an English country physician. Describes how he tested and proved his theory of immunization through vaccination in defiance of vigorous opposition, and how he finally brought the dread plague of smallpox under control. A 1940 production. *Restricted to classroom use.*

#### STORY OF LOUIS PASTEUR (ANTHRAX SEQUENCE) (wb)

*j-h* 18 minutes 52011 bw: \$3.15

An excerpt from the feature film. Deals with Pasteur's crusade to establish his microbe theory of disease, the opposition of the French Academy of Medicine, and his successful struggle to institute a serum treatment for anthrax. A 1935 production. *Restricted to classroom use.*

#### STORY OF MENSTRUATION (wdp for icp; kc)

*j-h* 11 minutes 02732 color: \$.50

Animated drawings and diagrams are used to explain the physiology of menstruation. Suggests methods of care and hygiene, and encourages a healthy attitude toward the process. Special booklets and physiological charts are available for use with the film. A 1947 production.

#### STORY OF THE BLOOD STREAM, PART 1: THE HEART AND CIRCULATORY SYSTEM (mis)

*j-h-c-a* 30 minutes 81373 color: \$8.30

Tells the story of the most efficient pump in the world, the human heart. Pictures inside a beating human heart are made possible by an instrument designed and constructed in the Moody Institute of Science Laboratory. The circulatory system is revealed to have a hundred thousand miles of capillaries, many so small that the microscopic blood cells must squeeze through in single file. Also shows a heart stopped as a machine takes over the functions of the heart and lungs during surgery.

#### STORY OF THE BLOOD STREAM, PART 2: THE STRUCTURE AND FUNCTION OF THE BLOOD (mis)

*j-h-c-a* 26 minutes 81374 color: \$7.65

Shows how life hangs by a very slender thread, the chemistry of the red blood cell. Uses radioactive tracer atoms to illustrate the speed with which the blood carries food and oxygen to the trillions of body cells. A search for the optimum shape of the red blood cell, aided by an IBM research computer, reveals that the cell's peculiar shape is just right for the job it has to do.

#### STREPTOMYCIN (hek for usar)

*j-h-c-a* 10 minutes 02754 bw: \$2.15

Reviews the events and work that led to discovery of the drug streptomycin by Dr. Waxman at Rutgers University. Produced in 1950 for use in overseas occupied areas.



**STUDENT NURSE (nfbcl)**

<i>h-c-a</i>	<i>30 minutes</i>	<i>80373</i>	<i>bw: \$5.65</i>
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Pictures nurses-in-training at a large city hospital in Canada. Indicates some of the courses they must take before they are qualified to receive their caps. The practical part of nursing is illustrated as the student learns the art of changing the bed. Her duties include the personal care of the patient to maintain nutrition, relieve annoying symptoms, and insure physical and mental rest. Shows how initial nervousness gives way to cool efficiency as she gains experience. A 1958 production.

**SWAN DIVE AND FRONT JACK-KNIFE (uw)**

<i>j-h-c</i>	<i>11 minutes</i>	<i>01065</i>	<i>color: \$3.80</i>
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Stop-motion and slow-motion scenes on the one-meter diving board and in mid-air analyze the steps to achieving perfect form in the swan dive and the front jack-knife. Also demonstrates exercises for strengthening abdominal muscles used in these dives. A 1958 production.

**SWIMMING AND DIVING ACES (casf)**

<i>i-j-h-a</i>	<i>11 minutes</i>	<i>15900</i>	<i>bw: \$2.15</i>
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Shows champion divers in action. Also shows a dog who dives from a board, and a wrestling match which begins on the springboard and ends under water. A 1941 production.

**SWIMMING FOR BEGINNERS (of)**

<i>i-j</i>	<i>9 minutes</i>	<i>02788</i>	<i>bw: \$2.15</i>
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Shows a ten-year-old child learning the fundamentals of swimming. Pictures him as he conquers his fear; then describes how he learns proper breathing, kicking, and arm strokes for coordinated deep-water swimming. A 1947 production.

**SWORDSMANSHIP (afla)**

<i>h-c-a</i>	<i>17 minutes</i>	<i>50186</i>	<i>bw: \$3.35</i>
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Says that a man's honor used to be saved or destroyed by his skill with a gun or sword. Today, the sport of swordsmanship is considered as one of the most exacting on the mind as well as the body. The blood and loss of life has been eliminated, but the thrills and excitement still remain. Members of the U.S. Olympic fencing team demonstrate all the movements and basic fundamentals in detail. Produced before 1956.

**T FORMATION (BASIC PLAYS) (gf)**

<i>h-c-a</i>	<i>11 minutes</i>	<i>00957</i>	<i>color: \$3.30</i>
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Shows the use of the T formation in the

ground attack of the Chicago Bears, Los Angeles Rams, and Chicago Cardinals football teams. A 1947 production.

**T FORMATION (OPEN PLAYS) (gf)**

<i>h-c-a</i>	<i>10 minutes</i>	<i>00960</i>	<i>color: \$3.30</i>
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Shows open plays, trick plays, and pass plays of the T formation in football. A 1947 production.

**TABLE TENNIS (mgm)**

<i>j-h-c</i>	<i>9 minutes</i>	<i>02747</i>	<i>bw: \$2.35</i>
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Table tennis experts are shown playing in singles and doubles. After an explanation of the grip, the players demonstrate push shots, service, spin shot and return, forehand and backhand shots, and footwork. A 1936 production. *Restricted to classroom use.*

**TACKLING IN FOOTBALL (eb)**

<i>j-h</i>	<i>9 minutes</i>	<i>47600</i>	<i>bw: \$2.15</i>
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Utilizes slow-motion and stop-motion photography to analyze basic football techniques in the shoulder tackle and cross-body tackle, together with the several variations of each type. Stresses the importance of physical condition, speed, drive, sure grip, timing, and body control. Calls attention to safety measures designed to insure against injuries in tackling. A 1946 production.

**TALES OF THE VIENNA WOODS (sf)**

<i>j-h-a</i>	<i>9 minutes</i>	<i>02751</i>	<i>bw: \$2.15</i>
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"Tales from the Vienna Woods," by Johann Strauss, is played by the Vienna Philharmonic Orchestra and interpreted as a ballet by members of the Salzburg Festival. A 1949 production.

**TALL SHIP ON DEEP WATERS (tom)**

<i>i-j-h</i>	<i>17 minutes</i>	<i>50067</i>	<i>color: \$5.45</i>
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Presents a young people's cruise from San Francisco to Hawaii and back in a small sailing ship. The young sailors are shown practicing their new knowledge of navigation. Animated maps and models show the route followed, the effect of the trade winds and horse latitudes, and the use of sails to utilize the motive power of the wind. A 1948 production.

**TARGET: TOOTH DECAY (uok)**

<i>a</i>	<i>11 minutes</i>	<i>02758</i>	<i>color: \$2.80</i>
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Points out the value of modern dental care, with emphasis on sodium fluoride treatment. The opening sequence shows a group of

children at play and raises such questions as: Are children so healthy after all? Aren't bad teeth too high a price to pay? What can be done about tooth decay? Then proceeds to answer the questions, suggesting concerted community-wide action under the leadership of local dentists and organizations such as churches and schools. A 1952 production.

#### TECHNIQUE OF TENNIS (ca)

*j-h-c-a* 9 minutes 02762 *bw*: \$2.15

Tennis instructor Lloyd Budge, brother of Don Budge, demonstrates correct practices in such fundamentals as forehand and backhand grips, routine shots, and service. Explains footwork and timing, and illustrates net play. Slow-motion photography is used for showing form and technique. A 1939 production. *Restricted to classroom use.*

#### TECHNIQUES OF FOIL FENCING (silent) (uc)

*h-c-a* 11 minutes 02982 *bw*: \$2.15

Helene Mayer, United States and world champion fencer, demonstrates the techniques of foil fencing. Uses close-ups and repetition of action to present details of each technique alone and in combination. A 1942 production. *To be projected at sound speed.*

#### THE TEETH (DEVELOPMENT AND CARE) (eb)

*i-j-h* 10 minutes 42800 *bw*: \$2.35

Explains the development and structure of teeth and stresses the importance of proper care. Demonstrates the cause of decay and how it can be prevented by eating proper foods, brushing the teeth regularly and correctly, and consulting a dentist frequently. Uses animation and regular photography to show the growth cycle of teeth from the embryonic stage to adulthood. A 1945 production.

#### THE TEETH: THEIR STRUCTURE AND CARE (c)

*j-h* 11 minutes 00427 *bw*: \$2.35  
00426 *color*: \$3.80

Animation shows the functions of various teeth, the structure of a tooth, and how decay spreads. Attempts to motivate students to use proper dental care. A 1956 production.

#### TENNIS — ELEMENTARY FUNDAMENTALS (aap)

*j-h-c* 11 minutes 01390 *color*: \$4.00

Uses regular, slow-motion, and stop-frame photography to show beginning tennis fundamentals as demonstrated by nationally ranked players Darlene Hard, Karen Hantz Sussman, and Tory Fretz. A 1964 production.

#### TENNIS — INTERMEDIATE AND ADVANCED FUNDAMENTALS (aap)

*j-h-c* 11 minutes 01391 *color*: \$4.00

Uses regular and slow-motion photography to show intermediate and advanced tennis fundamentals as demonstrated by nationally ranked players Darlene Hard, Karen Hantz Sussman, and Tory Fretz. A 1964 production.

#### TENNIS FOR BEGINNERS (of)

*i-j-h* 9 minutes 02777 *bw*: \$2.15

Former tennis champion Bill Tilden narrates and appears in the film to teach a boy how to play tennis. The boy is shown attempting each step, and the film ends with the beginner and the expert playing a game. A 1947 production.

#### TENNIS TACTICS (mgm)

*j-h* 10 minutes 02778 *bw*: \$2.35

Former tennis star Fred Perry shows the technique in practicing for sustained relays and for short placement. This is followed by illustrations of teaching technique for service, pivot shots, a spinning ball, and a service stance. Slow-motion photography is used extensively. A 1937 production. *Restricted to classroom use.*

#### TENNIS TECHNIQUE (rog)

*j-h-c-a* 9 minutes 00482 *color*: \$3.20

Illustrates tennis techniques such as forehand and backhand drives, service, and volley. Explains and demonstrates the technique of group teaching. Includes sequences of Pauline Betz in action. A 1947 production.

#### TERRIBLE TRUTH (sd)

*j-h-c-a* 10 minutes 02780 *bw*: \$2.35

Documents the story of one teen-age girl typical of youthful narcotics addicts. Starting with an occasional marijuana cigarette, she is induced to experiment with a "fix" of heroin. Soon she is a hopeless "hype," with a criminal record and a blighted future. Judge William T. McKesson, of the Los Angeles Juvenile Court, presents the arguments against having any contact with drugs in any form. A 1951 production.

#### THERE WERE TWO DOCTORS (lilf; ifi)

*h-c-a* 17 minutes 52048 *bw*: \$3.65

A young Mexican doctor goes to serve his internship in the tiny rural village of Zinacantan, Mexico. For weeks the doctor battles

the ancient suspicions and prejudices which still exist in many parts of Mexico. However, the village and even the witch doctor are finally won over to an acceptance of science when serum is used to save a child bitten by a scorpion. A 1948 production.

**THEY GROW UP SO FAST (djp; aahper)**

*c-a* 25 minutes 80227 color: \$5.95

Shows the need for and the importance of the physical education program in both elementary and secondary schools. Demonstrates the situation of an elementary school without a physical education program, and particularly how the proper guidance and encouragement was needed by a ten-year-old boy before he was able to handle himself physically. Depicts how, through the efforts of the school principal, the PTA, and physical education instructor, the school board is convinced of its need for a consultant for the elementary school. Points out the benefits derived by children in rhythmic and self-testing activities along with gymnastics and swimming for present health and later life.

**THEY'RE OFF AND RUNNING (aqha)**

*a* 44 minutes 90300 color: \$2.15

Shows the raising, training, and racing of quarter horses.

**THIS IS BASKETBALL (wsf and wsgc; osfs)**

*j-h-c-a* 27 minutes 81063 color: \$2.15

Interprets many playing situations in basketball for a better understanding of blocking, charging, basket interference, goal tending, screening, and playing violations of the free throw, jump, and boundary lines. A 1964 production. *Made available through the cooperation of the Illinois High School Association.*

**THIS IS FOOTBALL (cc for wsf and wsgc; osfs)**

*h-a* 27 minutes 80792 color: \$2.15

Uses demonstrations to cover a panorama of basic rules centering around the four S's—science, speed, skill, and safety. Designed to aid the official, coach, player, and fan in a better understanding and appreciation of the intricacies of football. Uses play situations to establish standards that can further aid the official in difficult judgment decisions. A 1963 production. *Made available through the cooperation of the Illinois High School Association.*

**THIS IS THE MALLARD (mscc with omcc)**

*j-h-c-a* 44 minutes 94800 color: \$8.80

Presents the life story of the mallard duck,

ranging from its Canadian breeding grounds to its southernmost wintering grounds along the Gulf of Mexico. Shows some of the major problems the mallard faces, with emphasis on the importance of water for the bird's continued existence. Includes a hunting scene.

**THIS IS TRACK AND FIELD (cc for wsgc and wsf; osfs)**

*j-h-c-a* 27 minutes 80729 color: \$2.15

Introduces a variety of track and field situations to help officials, coaches, participants, and fans better understand the basic rules of running, jumping, vaulting, and throwing. A 1965 production. *Made available through the cooperation of the Illinois High School Association.*

**THRILL A SECOND (casf)**

*j-h-a* 11 minutes 00980 bw: \$2.15

Shows both men and women risking their lives to give performances of thrills, including parachuting, human cannonball, sliding for life, racing auto smash-ups, and a bug-boat marathon.

**THROWING IN BASEBALL (eb)**

*j-h* 11 minutes 02809 bw: \$2.15

Explains the various techniques to be mastered in learning to throw a baseball effectively, including proper stance and grip. Professional players furnish demonstrations which are made clear by stop-motion, slow-motion, and close-up photography. Four throws are analyzed: the overhand, the three-quarter, the sidearm, and the underarm. A 1947 production.

**THURSDAY'S CHILDREN (bis)**

*h-c-a* 22 minutes 50542 bw: \$3.65

A skillful teacher works with a group of deaf children, ages four to seven, at the Margate School for the Deaf in England. Traces the growth of understanding in these children from complete ignorance of words to lip reading. Later they are taught to speak by artificially reproducing the sounds. Draws attention to the skills and patience of the teachers. A 1955 production.

**TIGHT LINES (pbc; ctfll)**

*j-h-a* 17 minutes 50741 color: \$2.15

Copious lakes and streams, natural settings of unsurpassed beauty, and the provincial government's continuous fish-stocking program assure full fishing pleasure for the native

British Columbian and visitor alike. Provides a colorful sampling of the kind of sport awaiting the fisherman, young or old, expert or amateur. A 1959 production.

#### TIME AND TWO WOMEN (accs)

*h-c-a* 20 minutes 50673 color: \$2.15

Explains the early symptoms of uterine cancer and the necessity for early treatment. Dramatizes the case histories of two women — one whose cancer was discovered too late and one who was saved because of early detection and prompt treatment. A 1958 production.

#### TISSUES OF THE HUMAN BODY (chu)

*j-h* 16 minutes 51012 color: \$5.65

Compares the life processes of the one-celled organism with those of the human. Graphic animation illustrates the variety of cell specialization in man and details the organization of the more important kinds of tissue: protective and secretive epithelium; connective tissue in skin, tendon, and bone; blood considered as a tissue; muscle tissue; and nerve tissue. A 1958 production.

#### TOBACCO AND THE HUMAN BODY (eb)

*j-h-a* 17 minutes 52069 bw: \$3.15

Shows how scientists determine the content of the cigarette smoke entering the mouth and its effect on rabbits and humans. Shows how tars and nicotine from cigarette smoke are collected in a laboratory and measured; and pictures their effect on skin temperature, breathing, and blood vessels. Presents a relationship between smoking and cancer and concludes by stating that each person must determine for himself whether he wishes to take the risks of smoking. A 1954 production.

#### TOWN AND COUNTRY RECREATION (ai and ars)

*h-c-a* 22 minutes 50634 color: \$5.95

Shows what happens to a sleepy town when a recreation program comes to life, through voluntary leadership, and grows into a year-round public-supported program. Explains basic recreation planning and organization, financing, building of facilities, utilization of local resources, development of enthusiasm, and group action. Shows where to get help and how to utilize it. A 1957 production.

#### TRAGIC HOUR OF DR. SEMMELWEIS (YOU ARE THERE) (cbs)

*j-h-c-a* 27 minutes 80131 bw: \$5.35

Reconstructs the professional resistance to the

efforts of Dr. Semmelweis in 1852 to wipe out "childbed fever." Reveals Dr. Semmelweis's conviction that doctors carried the disease among their patients and that they should, therefore, wash their hands in a solution of chlorinated lime before examining each patient. Reports that Dr. Semmelweis was retained on the staff of the hospital in Vienna but was forbidden to apply his methods.

#### TRAMPOLINE FUNDAMENTALS (dlr; bfs)

*j-h-c-a* 11 minutes 60016 color: \$3.80

An instructor and a group of high-school boys and girls demonstrate the basic fundamentals of trampolining. Shown in detail are the landing positions, aerial positions, front and back flips (with spotters), and combinations of these fundamentals which lead to a variety of stunts for the advancing student. Includes both slow-motion and stop-motion scenes. Stresses the importance of safety measures and the need to practice each step until it is thoroughly learned. A 1960 production.

#### TRIUMPH OF LOUIS BRAILLE (YOU ARE THERE) (cbs)

*j-h* 27 minutes 80133 bw: \$5.35

Uses dramatized interviews and documentary reporting to present the story of Louis Braille, a blind instructor at the National Institute for the Young Blind, in Paris. Portrays how he developed a new method for reading and writing for the blind, despite criticism from many sources.

#### TRIUMPH WITHOUT DRUMS (mgm)

*j-h* 11 minutes 02837 bw: \$2.35

Reviews the thirty-three year vigil of Harvey Wiley and his efforts in Congress to secure a Pure Food and Drug Act. By chemical tests and analysis Wiley proves that meats and canned goods must be clean and pure and that sanitation and good health depend upon the pureness of foods. By virtue of a convincing demonstration Wiley secures passage of the law and government supervision of food and drugs. A 1941 production. *Restricted to classroom use.*

#### TUBERCULOSIS (THIRD EDITION) (eb)

*j-h-a* 10 minutes 20900 bw: \$2.35

Tells the story of a girl who contracts pulmonary tuberculosis. Describes, through animation, the process of primary infection and reinfection. Demonstrates tuberculin tests and X-ray examinations and describes effective

hospital treatment, including rest, good food, fresh air, sunshine, and cleanliness. A 1956 production.

**TWENTIETH CENTURY RIVER . . . ? (stfi for usar)**

*j-h-c-a* 29 minutes 81105 color: \$7.90

Documents the drafting of a river basin plan for the Potomac River over a six-year period. Shows the work of the engineers, scientists, conservationists, and other specialists whose varied efforts are finally combined in a single plan. Probes such problems as flood, drought, pollution, and sedimentation and the major concepts involved in recreation planning and parkland acquisition. A 1962 production.

**UNDERSTANDING BASKETBALL (ya)**

*i-j-h* 9 minutes 02805 bw: \$2.35

Two basketball teams demonstrate as a coach explains the basic rules and play of the game, including such things as scoring, fouls, out-of-bounds, and jump balls. He also points out the common rules of courtesy to be followed by spectators. A 1948 production.

**UNDERSTANDING VITAMINS (eb)**

*h-c-a* 14 minutes 52060 color: \$5.05

Graphically explains what vitamins are, how they work, and why they are necessary for good health. Points out natural sources of important vitamins and reveals the effects on body tissues of a diet lacking in certain vitamins. Re-creates major events in the discovery of vitamins and calls attention to present-day research. A 1952 production.

**VD: EPIDEMIC! (abc)**

*h-c-a* 26 minutes 81348 bw: \$5.65

Persons who have contracted venereal diseases explain that they were ignorant of the wide prevalence of these diseases and describe the effects of venereal disease on their own lives. Various authorities discuss the mechanics of venereal infection, problems raised by the possibility of curing early venereal infections with penicillin, and changing attitudes toward venereal disease. A 1965 production.

**VICTORY OVER POLIO (TWENTIETH CENTURY) (cbs)**

*j-h* 27 minutes 80376 bw: \$5.35

Describes the victory over polio as one of the greatest triumphs in medical history and discusses the vital role of Dr. Jonas E. Salk, who discovered the vaccine that virtually wiped out polio. A 1959 production.

**VISUAL PERCEPTION RESEARCH (THE SEARCH) (cbs)**

*h-c-a* 27 minutes 80059 bw: \$5.55

Ohio State University personnel explain the equipment and tests used to measure and improve vision to support the fact that even persons with "normal" vision can double or even triple their vision. Shows how schools and business organizations are taking advantage of the results found in this search. A 1955 production.

**VITAL SIGNS AND THEIR INTERRELATION: BODY TEMPERATURE, PULSE, RESPIRATION, BLOOD PRESSURE (wil for usoe and usph)**

*c-a* 30 minutes 81336 bw: \$4.25

Describes the physiology of the respiratory, heat-regulatory, and circulatory systems and their interrelation in normal functions and in deviations from normal. Also develops the concept of how to ascertain and record the vital signs, the importance of making thorough and accurate observations, and how to take care of equipment. A 1945 production.

**VOLLEYBALL DRILLS AND TECHNIQUES (aap)**

*j-h-c-a* 14 minutes 60252 bw: \$3.15

Championship men players demonstrate elementary and advanced drills for volleyball. Analyzes the most important techniques for each of thirty drills, and shows methods used in demonstrating skills. A 1962 production.

**VOLLEYBALL FOR BOYS (c)**

*i-j-h* 10 minutes 27300 bw: \$2.35

Uses regular and slow-motion photography to show in detail the fundamentals of volleyball for boys, including the proper methods of serving, rotation, volleying, set-up, spiking, and defensive play and various drills to develop such skills. A 1941 production.

**VOLLEYBALL FOR WOMEN (aap)**

*j-h-c* 16 minutes 50241 bw: \$3.45

Outstanding women players demonstrate elementary and advanced skills of volleyball in regular speed and slow-motion scenes. Includes game play, fundamentals, drills for learning skills, and team strategy. A 1966 production.

**VOLLEYBALL SKILLS (aap)**

*j-h-c-a* 13 minutes 60253 bw: \$3.05

Championship men players demonstrate basic

skills for volleyball, as played throughout the world by all ages. Uses regular and slow-motion scenes to show underhand and overhand serves, the chest and underhand bounce passes, the front and back sets, spiking, and blocking the spike. A 1962 production.

#### **VOLLEYBALL STRATEGY FOR GIRLS (ya)**

*h-c 9 minutes 00713 bw: \$2.35*

Discusses the responsibilities of each team of girls in playing volleyball. Assumes a prior knowledge of the fundamental skills. Shows the desired placement of the served ball and compares the served ball which is easily returned with one which is difficult to recover. Demonstrates and compares the basic principles for three types of offense. Depicts strategic plays in a game between boys and girls. A 1957 production.

#### **VOLLEYBALL TECHNIQUES FOR GIRLS (ya)**

*j-h-c 11 minutes 00712 bw: \$2.35*

Introduces the basic skills of volleyball for girls by demonstrating the fundamentals of the overhead volley and using slow-motion scenes and animation to show such details as the correct extension of the arms and snapping movement of the wrist. Illustrates various drills for the perfection of the skills. Depicts players as they take their positions on the floor and reviews the techniques discussed. A 1957 production.

#### **WASTAGE OF HUMAN RESOURCES (eb)**

*j-h 10 minutes 02858 bw: \$2.15*

Graphically points out the human wastage, at all age levels, caused by crippling disease, careless accidents, juvenile delinquency, unemployment, alcohol and drug addiction, mental disease, crime, war, and bad living conditions. A 1947 production.

#### **WATER DAREDEVILS (casf)**

*j-h-a 7 minutes 00964 bw: \$2.15*

Shows comedy divers, water skiing, and boat racing. A 1952 production.

#### **WATER FAMINE (cbs)**

*j-h-c-a 55 minutes 80777 bw: \$10.80*

Traces the role of water in civilization and man's problems as he searches for new sources. Discusses the critical water shortage, pollution, and two methods of desalinization being used in the United States and Israel. A 1961 production. *Mounted on two reels.*

#### **WATER FOR THE COMMUNITY (c)**

*i-j 11 minutes 00848 bw: \$2.35*

Follows the process by which water is treated from the time it leaves its original source until it is purified and distributed to the community. Describes the importance of making water clear, correcting special problems, and killing bacteria. Explains the source of a community's water supply in terms of the water cycle and subsequent storage within the earth or on its surface. A 1958 production.

#### **WATER, FRIEND OR ENEMY (wdp for iiaa)**

*i-j-h 9 minutes 02862 color: \$3.00*

Water can be a true friend to man if proper precautions are taken to see that it is pure. Illustrates correct measures in keeping spring water from being contaminated, and suggests boiling water as a final precaution. An animated film produced in 1943 for Latin American audiences.

#### **WATER SUPPLY (a)**

*i-j-h 10 minutes 01139 bw: \$2.15  
02866 color: \$3.40*

Uses animation and regular photography to show how water soaks into the ground and is stored; how water is variously brought to the surface by springs, artesian wells, hand pumps, windmills, bucket wells, and electric pumps; and how water is purified and tested in filtration plants and research laboratories. Describes the water supplies of a city on a large lake (Chicago) and a city on a river (St. Louis), and shows the great aqueduct from the Colorado River to Southern California, with its water gushing through open canals, pipelines, tunnels, and pumping stations. A 1947 production.

#### **WATER WE DRINK (c)**

*p-i-j 9 minutes 02870 bw: \$2.35*

Jimmy and Bill are shown on a hike in a park. Narration, animation, and flashbacks explain why they do not drink the water of the park's stream. Tells how to be sure the drinking water is safe, why the body needs water, and how the body eliminates water. Briefly describes how communities obtain and purify water. The summary poses several questions for the audience. A 1952 production.

#### **WATERWAY HOLIDAY: THE TRENT-SEVERN WATERWAY (ffp for odpt; cflf)**

*j-h-a 31 minutes 81339 color: \$2.15*

A family from upper New York State cruise

on the Trent-Severn Waterway across southern Ontario from Lake Ontario to Georgian Bay. They are shown going through customs, under drawbridges, and through locks; stopping to watch archeologists working in Serpent Mounds Provincial Park and to see a re-created Huron Indian village; and seeing other vacationers fishing, sailing, and enjoying the scenery. A 1959 production.

**WATERWAYS AND FLYWAYS OF THE NORTH**  
(crf for mdic; cffl)

*j-h-c-a 17 minutes 52129 color: \$2.15*

Depicts hunting and fishing in Manitoba as a game warden takes a tour of various hunting and fishing spots in the lakelands beyond The Pas, Cranberry Portage, and Flin Flon. Explores some of the summer and autumn attractions that visitors discover in this vacation area. Shows prize catches of walleye, northern pike, and lake trout. Mentions a wide variety of accommodations — lodges, housekeeping cottages, and camping provisions. Points out to hunters that waterfowl make their long southward migration in September and Manitoba's northern lakes are in the path of the continental flyways. A 1958 production.

**WEIGHT TRAINING: BASIC EXERCISES (edh)**

*j-h-c 10 minutes 02999 color: \$3.80*

Demonstrates and explains nine basic exercises in weight training, including the warm-up, two-hand press, parallel squats, two-arm pullover, two-arm curl, bench press, toe raises, stiff-legged dead lift, and sit-ups. Indicates the various body areas benefited by each exercise and emphasizes correct techniques. A 1960 production.

**WELCOME TO GOLF (djp for ngf)**

*h-c-a 13 minutes 60502 color: \$3.35*

Motivates the student to want to play golf; shows how to learn and what is expected of him; and discusses the game, the golf course, and the equipment.

**WELTON — A HEALTHY COMMUNITY (uwa)**

*h-c-a 31 minutes 81343 color: \$7.70*

By explaining the way in which one diphtheria case was quickly tracked down, isolated, and kept from spreading, the film gives a picture of how a modern, full-time public health department serves the community and how a community health council works to advantage. A 1950 production.

**WHAT ABOUT ALCOHOLISM? (ya)**

*j-h 11 minutes 00597 bw: \$2.45*

Presents different approaches to alcoholism. Follows a high-school class as they investigate law and medicine and interview individuals in order to obtain their views on alcoholism. Shows the group conducting a discussion in which numerous viewpoints are expressed. Concludes by asking the film audience to express their opinions. A 1956 production.

**WHAT ABOUT DRINKING? (ya)**

*j-h 11 minutes 50144 bw: \$2.45*

Presents a group of teen-agers in discussion as they reveal their individual attitudes toward drinking. News of an automobile accident involving alcohol induces a group of partying teen-agers to discuss drinking. A variety of viewpoints emerges as each member reveals his attitude. Concludes by reviewing the arguments and urging the audience to continue the discussion. A 1954 production.

**WHAT IS DISEASE? (wdp for oiaa)**

*i-j 11 minutes 01024 color: \$2.40*

Uses animation to show how disease enters the body. Explains that harmful microbes may be airborne, waterborne, transmitted by insects, or even harbored in the soil. Suggests ways to protect oneself against disease. Produced in 1945 for Latin American audiences.

**WHAT MAKES US GROW? (nfb)**

*i-j 11 minutes 31700 bw: \$2.15*

Experiments with rats show the harmful results of vitamin deficiencies, and children are advised to eat more eggs, fresh vegetables, and fruit. Emphasizes that a well balanced diet is essential for proper growth. A 1944 production.

**WHEELS ON YOUR FEET (gal for crs)**

*i-j-h 10 minutes 01351 bw: \$2.45*

Shows how schools are using roller skating as a part of the physical education program or as recreation. Demonstrates fundamentals for beginners, as well as some of the more complex single, double, and triple movements. A 1964 production.

**WHERE WINTER'S A PLEASURE (palb; cffl)**

*h-a 27 minutes 81351 color: \$2.15*

Shows expert skiers, led by their Austrian instructor, in action in the Canadian Rockies

around Banff and Lake Louise. Also pictures the modern facilities provided for winter sports enthusiasts.

**WHITE BLOOD CELLS: DEFENSE AGAINST DISEASE (tocc; mcgh)**

*j-h-c 11 minutes 01232 color: \$4.20*

Shows, through an electron microscope, how white blood cells struggle to halt the proliferation of tubercle bacilli in a culture medium. A 1961 production.

**WHO, ME? (acs)**

*c-a 19 minutes 50202 color: \$2.15*

Emphasizes the risks adults take when they smoke cigarettes, both the danger to their own health and the encouragement to smoke which their example gives to young people. A 1965 production.

**WHY PHYSICAL EDUCATION? (wex)**

*j 14 minutes 60506 color: \$5.05*

Designed to show boys and girls the importance of developing and maintaining physical skills useful for both work and play. Pictures boys doing directed exercises. Animation shows how muscles develop through use. Girls are shown doing gymnastics and exercises. Other activities illustrated include synchronized swimming, modern dance, and basketball. Mentions the desirable goal "a sound mind in a sound body," and urges fitness for work, study, play, expression, and survival. A 1963 production.

**WINTER OLYMPICS ON THE TAHOE NATIONAL FOREST (usda)**

*general 24 minutes 81340 color: \$2.15*

Pictures the behind-the-scenes efforts of many groups to make the Eighth Winter Olympic Games at Squaw Valley a success. Includes the work of preventing avalanches in the area. Also shows many of the events. Narrated by Lowell Thomas. A 1961 production.

**WISE USE OF WATER RESOURCES (jgi for uw)**

*i-j-h 14 minutes 60154 color: \$4.75*

Scenic photography, diagrams, and animation are used to explain and illustrate concepts relating to properties of water, its abundance, its value as a natural resource, and its use for consumer supply. Emphasizes conservation methods.

**WITCH DOCTOR (brf)**

*h-c-a 9 minutes 19800 bw: \$2.35*

Presents a dance stylization of the voodoo rite performed by a Haitian witch doctor, with Jean Leon Destine dancing the title role. The original story and choreography, by Jean Leon Destine, using authentic native themes and drum accompaniment, involves ridding a woman of an evil spirit. A 1952 production.

**WONDER DOGS IN ACTION (casf)**

*j-h-a 10 minutes 17400 bw: \$2.15*

Foxhounds, setters, pointers, poodles, and Chesapeake retrievers are shown in actual hunting scenes, from the treeing of an Arizona wildcat to the retrieving of a mallard duck. A 1946 production.

**WONDER ENGINE OF THE BODY (br)**

*j-h 11 minutes 02886 bw: \$2.15*

Explains the anatomy, physiology, and proper care of the human heart. A longer version of this film is titled **Guard Your Heart**.

**WORK OF THE BLOOD (eb)**

*j-h 14 minutes 50310 color: \$5.05*

Explains the structure of blood cells and the composition of plasma through laboratory analysis of a blood sample. Animated drawings and X-ray motion pictures of the circulatory system illustrate the functions of the blood—the circulation of food elements and other materials to all body cells, the removal of wastes, the equilization of heat distribution, and the defenses against disease. A 1957 production.

**WORK OF THE KIDNEYS (eb)**

*j-h-c 11 minutes 18800 bw: \$2.35*

Animated drawings, together with laboratory demonstrations, describe the renal system, the formation of urine, regulation of blood composition, and the functioning of the bladder. Explains the relation of blood pressure to urine flow and the rate of secretion as affected by sugar, water, and temperature. Concludes with an analogy between kidney function and the action of a gyroscope.

**WRESTLING: BASIC SKILLS, PART 1 — STARTING POSITIONS AND TAKEDOWNS (lca)**

*j-h-c 11 minutes 50124 bw: \$2.70*

Uses regular and slow-motion photography to demonstrate the wrestling skills involved



in starting positions and takedowns for new wrestlers. A 1963 production.

**WRESTLING: BASIC SKILLS, PART 2 — ESCAPES AND REVERSALS (jca)**

*j-h-c 11 minutes 50125 bw: \$2.70*

Uses regular and slow-motion photography to demonstrate the wrestling skills involved in escapes and reversals for new wrestlers. A 1963 production.

**WRESTLING: BASIC SKILLS, PART 3 — BREAK-DOWNS INTO PINNING COMBINATIONS (jca)**

*j-h-c 11 minutes 50126 bw: \$2.70*

Uses regular and slow-motion photography to demonstrate the wrestling skills involved in breakdowns into pinning combinations for new wrestlers. A 1963 production.

**WRESTLING FUNDAMENTALS AND TECHNIQUES, PART 1: TAKEDOWNS AND COUNTERS (umi)**

*h-c 11 minutes 02915 bw: \$2.15*

Two college wrestlers demonstrate a number of takedowns and counters. Each maneuver is shown first at regular speed, then in slow motion. Also presents counters to each maneuver. A 1952 production.

**WRESTLING FUNDAMENTALS AND TECHNIQUES, PART 2: ESCAPES AND REVERSALS (umi)**

*h-c 11 minutes 02916 bw: \$2.15*

Demonstrates nineteen wrestling maneuvers dealing with escapes and reversals. A 1952 production.

**WRESTLING FUNDAMENTALS AND TECHNIQUES, PART 3: RIDES AND PINHOLDS (umi)**

*h-c 22 minutes 52148 bw: \$3.65*

Demonstrates seventeen wrestling maneuvers dealing with rides and pinholds. A 1952 production.

**YELLOW JACK (mgm, edited by tfc)**

*j-h 29 minutes 81349 bw: \$6.75*

Abridged from the feature film. Dramatizes the work of Major Walter Reed with the Yellow Fever Commission in Cuba. Cites the heroism of the volunteers for the experiment which conclusively proved the guilt of the stegomyia mosquito in carrying the disease. Enumerates the obstacles involved in eradicating the offending mosquito, and depicts the systematic way Reed surmounted them. Stresses the use of the scientific method. A 1938 production. *Restricted to classroom use.*

**YOSHI NO YAMA (A CLASSICAL JAPANESE DANCE) (orb; brf)**

*h-c-a 20 minutes 50955 color: \$7.45*

A single dancer, with masks, tells a story of three friends with different temperaments. The dance is prefaced by a sequence on the application of Kabuki makeup, and includes the on-stage hand, or figure in black, peculiar to the Japanese and Chinese stage. Illustrates the stylization and refinement of the "no" tradition, with characteristic folk humor and art. A 1951 production.

**YOU AND YOUR EYES (THIS IS YOU SERIES) (wdp)**

*i-j 8 minutes 00827 color: \$3.40*

Jiminy Cricket explains the structure and anatomy of the eye by comparing it with a camera. Stresses the safety features designed by nature to protect the eyes and the simple health rules for taking care of the eyes. A 1957 production.

**YOU AND YOUR FIVE SENSES (THIS IS YOU SERIES) (wdp)**

*i-j 8 minutes 00828 color: \$3.40*

Jiminy Cricket explains the five senses: hearing, smell, taste, sight, and touch. Compares the development of the senses in man and in animals, shows why some of man's five senses are more highly developed than others, and points out how man has been able to compensate accordingly. A 1955 production.

**YOU AND YOUR FOOD (THIS IS YOU SERIES) (wdp)**

*i-j 8 minutes 02931 color: \$3.40*

Jiminy Cricket points out that a wise choice of foods is necessary for building and maintaining one's body. A 1958 production.

**YOU AND YOUR SENSE OF SMELL AND TASTE (THIS IS YOU SERIES) (wdp)**

*i-j 8 minutes 02935 color: \$3.40*

Jiminy Cricket explains the four basic taste sensations and the relationship between taste and smell.

**YOU AND YOUR SENSE OF TOUCH (THIS IS YOU SERIES) (wdp)**

*i-j 8 minutes 02936 color: \$3.40*

Jiminy Cricket explains how the sense of touch operates and points out that it never rests, as the other senses seem to do.

**YOU, THE LIVING MACHINE (THIS IS YOU SERIES) (wdp)**

*i-j* 8 minutes 02946 color: \$3.40

Jiminy Cricket compares the needs and functions of the human body with those of a machine: they both need fuel, maintenance, and repair. A 1958 production.

**YOUR BODY DURING ADOLESCENCE (mcgh)**

*j-h* 10 minutes 00060 bw: \$2.45

Presents the differences in growth rates among thirteen- to fifteen-year-olds. Mentions the functions of the endocrine glands and the influence of the pituitary gland on growth changes which may normally occur in any order. Outlines the structure and functioning of the male and female reproductive organs. A 1955 production.

**YOUR CHILDREN'S EARS (bis)**

*h-c-a* 16 minutes 73300 bw: \$2.95

Opens with the problem of teaching a class of deaf children. Then points out that few people are born deaf; most become so later in life through carelessness or ignorance. Details by animated diagrams how the physiology of the ear, in its relationship to the nose and throat, subjects it to the dangers of the common cold. Enumerates and describes other causes of faulty hearing, such as adenoids, that are due to obstructions that can be easily removed. Emphasizes the need for proper care of the ears, prescribing rules to follow.

**YOUR CHILDREN'S EYES (bis)**

*h-c-a* 20 minutes 73400 bw: \$3.45

Uses blackboard drawings and an orange to explain the structure of the eye. Shows how the brow, lashes, lid, and tears cleanse the eye and shield it against foreign particles. Discusses the physiological basis for farsightedness and nearsightedness, as well as for other eye disorders and diseases. Points out the relationship of proper light, rest, protection, and nourishing food to eye health. Demonstrates simple methods of removing foreign particles from the eye. A 1945 production.

**YOUR CHILDREN'S MEALS (bis)**

*h-c-a* 14 minutes 73500 bw: \$2.95

Discusses the problem of getting children to eat. Notes various reasons for dawdling and poor appetite, and portrays simple remedies. Illustrates diagrammatically the relationship between mind and stomach as it affects

appetite and digestion. In each case shown, the film advises determining the cause of the problem and then correcting it. A 1947 production.

**YOUR DOCTOR (rko)**

*j-h-a* 15 minutes 52159 bw: \$3.35

Surveys the various services which doctors perform. Features the work of a 35-year-old general practitioner in the mountains of North Carolina who must travel by jeep to reach many of his patients. Highlights the work of the American Medical Association and tells of the education and training that medical students receive. A 1953 production.

**YOUR EARS (bis, revised by ya)**

*i-j-h* 9 minutes 02956 bw: \$2.35

Illustrates the construction of the human ear and the function of each of its parts. Discusses the manner in which certain diseases cause deafness, and stresses the necessity for proper care of the ears. Shows by animation how sound waves are transmitted to the brain. A 1947 production.

**YOUR EYES (bis, revised by ya)**

*i-j-h* 9 minutes 02958 bw: \$2.35

Animation and photography are used to show the structure and function of the eye. Explains farsightedness and nearsightedness and how the eyes are protected by the eyebrows, lashes, lids, and tears. Stresses the importance of proper care of the eye and its component parts. A 1947 production.

**YOUR HAIR AND SCALP (unil; fa)**

*j-h* 13 minutes 51087 color: \$5.05

Describes the structure of human hair and hair follicles. Animation illustrates the life cycle of a hair from its beginning to the time it falls out. Explains that hair is lubricated by sebum and that hair varies in thickness, texture, curliness, and color. Points out that some of these characteristics can be changed artificially, but only temporarily. Recommends regular brushing and washing for good hair health.

**YOUR HEALTH: DISEASE AND ITS CONTROL (c)**

*i-j* 9 minutes 02970 bw: \$2.35

Shows how harmful microbes are carried and spread, how they enter the body, and how they get beyond the body defenses to cause sickness. Encourages children to help control disease by protecting themselves from disease carriers and by building up their body defenses.

**YOUR HEALTH AT HOME (c)**

<i>i-j</i>	<i>10 minutes</i>	<i>02964</i>	<i>bw: \$2.35</i>
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Pictures the Baxter family as they work together in their home to keep it clean, neat, pleasant, and healthful. Shows Bill and his father repairing a window screen, Jane doing the family washing, Alice helping in the kitchen, and Mother washing the dishes. Emphasizes the importance of good mental health and the factors which contribute to it. A 1954 production.

**YOUR HEALTH AT SCHOOL (c)**

<i>i-j</i>	<i>10 minutes</i>	<i>02965</i>	<i>bw: \$2.35</i>
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Points out good health practices at school, and encourages a discussion of ways to increase health knowledge and habits. Pictures Bill returning to school after an illness, and shows what action was taken by the teacher and the health counselor when he originally became ill. Explains the function of health records, and depicts many things children and the school can do to promote healthful conditions. A 1954 production.

**YOUR HEALTH IN THE COMMUNITY (c)**

<i>i-j</i>	<i>10 minutes</i>	<i>02967</i>	<i>bw: \$2.35</i>
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Shows examples of cooperation of citizens, young and old, and paid workers to maintain a healthy and clean community by dividing responsibility for providing and maintaining parks, cleaning streets and private property, collection of garbage and trash, sewage disposal, and water purification. Depicts the work of health departments and a public health nurse. A 1954 production.

**YOUR SKIN (unil; fa)**

<i>j-h</i>	<i>15 minutes</i>	<i>51086</i>	<i>color: \$5.25</i>
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Explains in some detail the structure and functions of the skin. Discusses the work of the epidermis, dermis, sebum, melanin, and sweat. Points out that if germs are able to penetrate the barrier provided by the skin, infection results. Emphasizes the importance of cleaning the skin regularly.

**YOUR TEETH (bis, revised by ya)**

<i>i-j-h</i>	<i>10 minutes</i>	<i>00363</i>	<i>bw: \$2.35</i>
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Uses animation and regular photography to

explain the growth and structure of teeth, how the baby teeth grow and are replaced by permanent teeth, the parts of a tooth, and the manner in which a tooth decays. Stresses the importance of proper food and proper care in building strong teeth and preventing tooth decay. A 1945 production.

**YOUR VOICE (eb)**

<i>j-h-c</i>	<i>10 minutes</i>	<i>02975</i>	<i>bw: \$2.35</i>
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Uses demonstrations, animated drawings, an X-ray motion picture sequence, and close-up photography to explain the four phases of voice production: respiration, phonation, resonance, and articulation. Shows the structure of the larynx and the process of respiration. Discusses the modification of tones by resonators, and describes the organs of articulation. Then shows how these four elements combine in voice production. A 1949 production.

**YOU'RE GROWING UP (bfs)**

<i>i-j</i>	<i>10 minutes</i>	<i>01195</i>	<i>bw: \$2.35</i>
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Deals with some of the complicated physical and emotional processes of growing up. Four major periods of physical growth are considered: birth to age three, age four to ten, eleven to sixteen, and seventeen to twenty. Discusses the normality of individual differences and attempts to alleviate some of the fears resulting from natural physical emotional changes.

**YOU'RE THE DOCTOR (ahol)**

<i>h-c-a</i>	<i>19 minutes</i>	<i>52167</i>	<i>bw: \$3.15</i>
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Stresses the important role of the hospital in community life, and the various professional services available to patients in the hospital. A 1947 production.

**YOUTH AND THE QUARTER HORSE (aqha)**

<i>j-h-c</i>	<i>54 minutes</i>	<i>80735</i>	<i>color: \$2.15</i>
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Presents basic information on the raising and training of quarter horses, as done by 4-H horse clubs. Covers selection of a colt, feeding, exercise, grooming, transportation by trailer, deportment during judging, getting the horse used to the saddle and reins, riding at different gaits, teaching the horse to back up and pivot, and practicing the whole reining pattern. *Mounted on two reels.*

## KEY TO ABBREVIATIONS OF PRODUCERS, SPONSORS, AND DISTRIBUTORS

<b>a</b>	Academy Films
<b>aacc</b>	Association for the Aid of Crippled Children
<b>aahper</b>	American Association for Health, Physical Education, and Recreation
<b>aap</b>	All American Productions
<b>acs</b>	American Cancer Society
<b>adp</b>	Avalon Daggett Productions
<b>afla</b>	American Fencers League of America
<b>aho</b>	American Hospital Association
<b>ai</b>	Athletic Institute
<b>aibs</b>	American Institute of Biological Sciences
<b>aif</b>	Australian Instructional Films
<b>aipe</b>	American Institute of Park Executives
<b>anl</b>	American and National Leagues of Professional Baseball
<b>ap</b>	Audio Productions
<b>apsy</b>	American Psychological Association
<b>aqha</b>	American Quarter Horse Association
<b>arc</b>	American Red Cross
<b>ars</b>	American Recreation Society
<b>asf</b>	Association Films
<b>asfs</b>	Associated Film Services
<b>aufc</b>	Audio Film Center
<b>bfs</b>	Bailey Film Service
<b>bil</b>	Billig Clinic
<b>bis</b>	British Information Services
<b>bonp</b>	Bonnie Pictures, Inc.
<b>bos</b>	Bob Osgood
<b>br</b>	Bray Studios
<b>brf</b>	Brandon Films, Inc.
<b>bsa</b>	Boy Scouts of America
<b>byu</b>	Brigham Young University
<b>c</b>	Coronet Films
<b>ca</b>	Columbia Pictures Corporation
<b>casf</b>	Castle Films
<b>cbs</b>	Columbia Broadcasting System
<b>cc</b>	Calvin Company
<b>cdl</b>	Calvert Distillers, Ltd., Canada
<b>cdnh</b>	Canadian Department of National Health and Welfare
<b>cdp</b>	Carl Dudley Pictures
<b>cenco</b>	Cenco Educational Films
<b>cf</b>	Classroom Film Distributors
<b>chco</b>	Chatham College
<b>chu</b>	Churchill Films
<b>ci</b>	Cereal Institute

<b>cifr</b>	Cine France
<b>con</b>	Conservation Foundation
<b>crf</b>	Crawley Films, Canada
<b>crs</b>	Chicago Roller Skate Company
<b>ctfl</b>	Canadian Travel Film Library
<b>ctt</b>	Cecil T. Todd
<b>cucmc</b>	Columbia University, Center for Mass Communications
<b>curc</b>	Curry Company
<b>djp</b>	Dallas Jones Productions
<b>dlr</b>	D. L. Richardson
<b>eb</b>	Encyclopaedia Britannica Films
<b>ecb</b>	E. C. Brown Trust
<b>edcu</b>	Edward Cullen
<b>edh</b>	Educational Horizons
<b>ep</b>	Edited Pictures
<b>ers</b>	E. R. Squibb Company
<b>etal</b>	Ethan Allen
<b>fa</b>	Film Associates of California
<b>fae</b>	Fund for Adult Education
<b>fan</b>	Fred A. Niles
<b>fcf</b>	Forbes Carlile Films
<b>fdi</b>	Film Distributors International
<b>ffp</b>	Fletcher Film Productions
<b>flf</b>	Flory Films
<b>fmc</b>	Ford Motor Company
<b>fos</b>	Films on Sports
<b>fron</b>	Frontier Films
<b>fsn</b>	Fred S. Niemann
<b>ga</b>	Gateway Productions
<b>gal</b>	Galaxy Film Productions
<b>garg</b>	Gary Goldsmith
<b>ge</b>	General Electric Company
<b>genm</b>	General Mills
<b>gf</b>	Gallagher Films, Inc.
<b>gpp</b>	General Pictures Productions
<b>gpw</b>	Great Plains Wheat, Inc.
<b>gsa</b>	Girl Scouts of the U.S.A.
<b>hal</b>	Hawley-Lord
<b>haf</b>	Harold Ambrosch Film Productions
<b>hamp</b>	Hamilton Parsons
<b>hek</b>	Herbert Kerkow, Inc.
<b>hls</b>	Hildegard L. Spreen
<b>hnh</b>	Henk Newenhouse
<b>icp</b>	International Cellucotton Products
<b>ifb</b>	International Film Bureau
<b>iff</b>	International Film Foundation

<b>ifi</b>	Instructional Films, Inc.
<b>ihsa</b>	Illinois High School Association
<b>iaa</b>	Institute of Inter-American Affairs
<b>isc</b>	Iowa State College
<b>iu</b>	Indiana University
<b>j</b>	Journal Films
<b>jak</b>	Jack Keogh
<b>jca</b>	John Colburn Associates, Inc.
<b>jor</b>	Jorhal Pictures
<b>kb</b>	Knowledge Builders
<b>kc</b>	Kimberly-Clark Corporation
<b>kism</b>	Kismet Films
<b>klj</b>	Karl Lohmann, Jr.
<b>kued</b>	KUED-TV, Salt Lake City
<b>ladp</b>	Los Angeles County Department of Parks and Recreation
<b>ldr</b>	Louis de Rochemont Associates
<b>llf</b>	Lloyd Friedgen
<b>lpf</b>	Lawrence P. Frank, Jr.
<b>lwp</b>	Lee Wulff Productions
<b>ma</b>	Medical Arts Productions
<b>maca</b>	Maternity Center Association
<b>mamo</b>	Martin Moyer
<b>mbf</b>	Margaretta B. Fristoe
<b>mbfp</b>	Martin Bovey Film Productions
<b>mcc</b>	Mallinckrodt Chemical Works
<b>mcgh</b>	McGraw-Hill Book Company
<b>mdic</b>	Manitoba Department of Industry and Commerce
<b>mgm</b>	Metro-Goldwyn-Mayer
<b>mhfb</b>	Mental Health Film Board
<b>mli</b>	Metropolitan Life Insurance Company
<b>mmc</b>	Minneapolis Moline Company
<b>mot</b>	March of Time
<b>mscc</b>	Missouri State Conservation Commission
<b>msi</b>	Mayer-Sklar, Inc.
<b>msl</b>	Marjorie S. Larsen
<b>nbco</b>	National Bowling Council
<b>nci</b>	National Cancer Institute
<b>ncrn</b>	National Committee for Research in Neurological Disorders
<b>nda</b>	National Dental Association
<b>net</b>	National Educational Television
<b>nfbc</b>	National Film Board of Canada
<b>ngf</b>	National Golf Foundation
<b>nmp</b>	National Motion Picture Company
<b>nspb</b>	National Society for the Prevention of Blindness
<b>nswa</b>	National Social Welfare Assembly

<b>ntb</b>	National Tuberculosis Association
<b>nys</b>	New York State College of Forestry
<b>nyz</b>	New York Zoological Society
<b>odmh</b>	Ohio Division of Mental Hygiene
<b>odtp</b>	Ontario Department of Travel and Publicity
<b>of</b>	Official Films
<b>oiaa</b>	Office of Inter-American Affairs
<b>omcc</b>	Olin Mathieson Chemical Corporation
<b>orb</b>	Orbit
<b>osfs</b>	Official Sports Film Service
<b>osu</b>	Ohio State University
<b>pacp</b>	Pacific Productions
<b>paha</b>	Paul Harrison
<b>palb</b>	Province of Alberta, Canada
<b>pbc</b>	Province of British Columbia, Canada
<b>pbf</b>	Paul Burnford
<b>pf</b>	Pictorial Films
<b>phma</b>	Pharmaceutical Manufacturers Association
<b>php</b>	Paul Hoefer Productions
<b>pma</b>	Perry-Mansfield
<b>pman</b>	Province of Manitoba, Canada
<b>pnew</b>	Province of Newfoundland, Canada
<b>rem</b>	Rembrandt Films
<b>repr</b>	Regency Productions
<b>rf</b>	Ryan Films
<b>rfp</b>	Raymond Friedgen Productions
<b>rko</b>	RKO-Radio Pictures, Inc.
<b>roed</b>	Robert Edmonds
<b>sd</b>	Sid Davis Productions
<b>sf</b>	Sterling Films
<b>sfr</b>	Santa Fe Railroad
<b>slfp</b>	SL Film Productions
<b>sm</b>	Simmel-Meservey, Inc.
<b>sor</b>	Sam Orleans
<b>spec</b>	Spectrum Films
<b>ssf</b>	Social Science Films
<b>stfi</b>	Stuart Finley
<b>stib</b>	Swedish Travel and Information Bureau
<b>su</b>	Syracuse University
<b>t</b>	Transfilm, Inc.
<b>tai</b>	Theatre Arts Institute
<b>tf</b>	Teaching Films, Inc.
<b>tfc</b>	Teaching Film Custodians
<b>th</b>	Thorne Films
<b>tlp</b>	Telepix Corporation
<b>tns</b>	Ted Nemeth Studios
<b>tom</b>	Tompkins Films
<b>turb</b>	Turbocraft

<b>uc</b>	University of California
<b>ui</b>	University of Illinois
<b>umi</b>	University of Michigan
<b>unf</b>	University Films
<b>unil</b>	Unilever, Ltd.
<b>uok</b>	University of Oklahoma
<b>upa</b>	United Productions of America
<b>urtp</b>	United Research and Training Productions
<b>usar</b>	United States Army
<b>uscog</b>	United States Coast Guard
<b>usda</b>	United States Department of Agriculture
<b>usoe</b>	United States Office of Education
<b>usph</b>	United States Public Health Service
<b>uuh</b>	Urbana (Illinois) University High School
<b>uw</b>	United World Films
<b>uwa</b>	University of Washington
<b>vas</b>	Vassar College
<b>vk</b>	Vernon Kraft Film Productions
<b>wb</b>	Warner Brothers
<b>wctu</b>	Women's Christian Temperance Union
<b>wdp</b>	Walt Disney Productions
<b>wex</b>	Wexler Film Productions
<b>wil</b>	Willard Pictures
<b>wqed</b>	WQED-TV, Pittsburgh
<b>wsf</b>	Wheaties Sport Federation
<b>wsgc</b>	Wilson Sporting Goods Company
<b>ya</b>	Young America Films
<b>yosp</b>	Yosemite Park









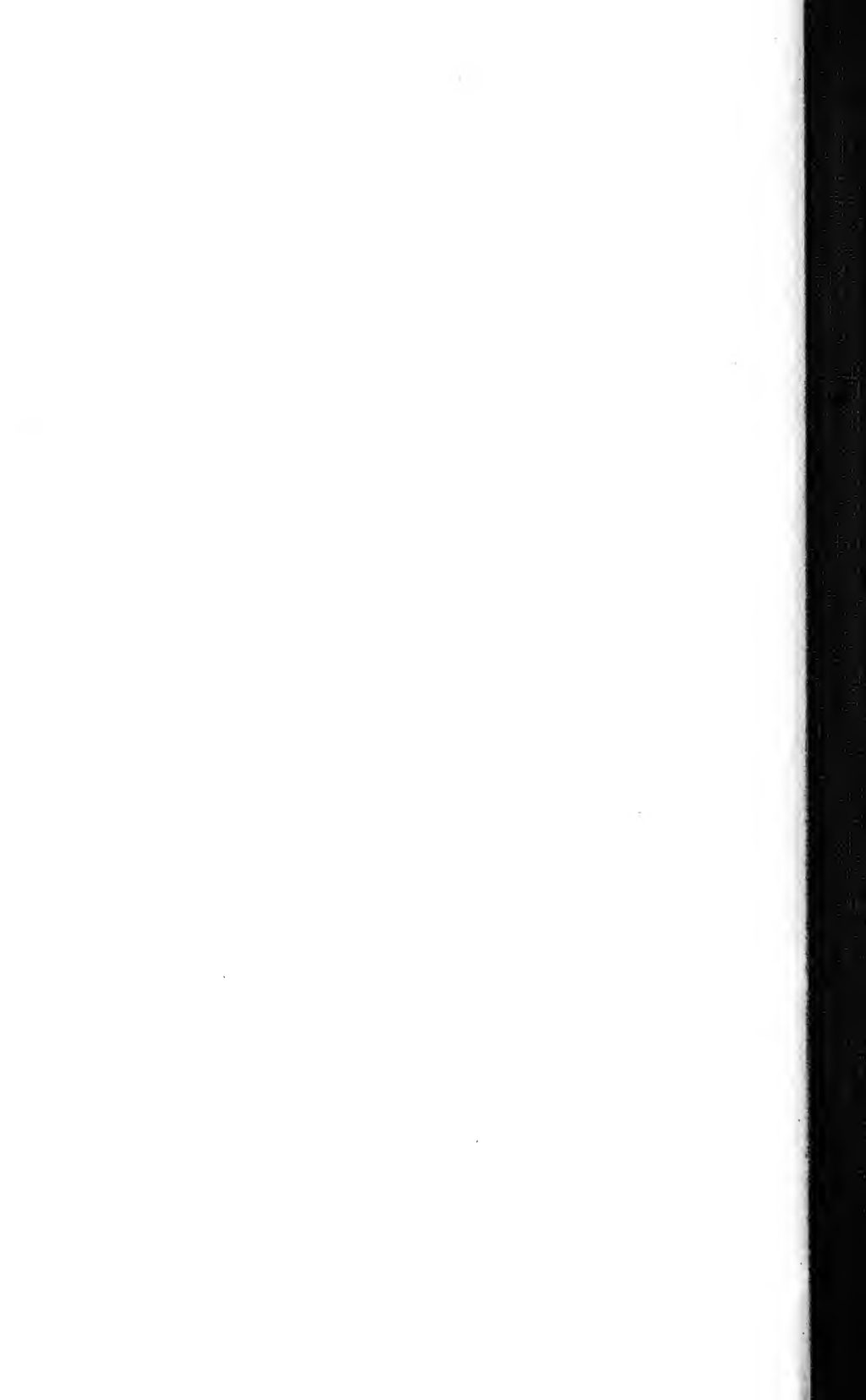
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